10073

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1896.

DAILY WEATHER REPORT.

July to December 1896.

DAILY WEATHER REPORT,

JULY TO DECEMBER, 1896.

PREFACE.

The six Tables following give for each Month and the Whole Year, the Means of Pressure, the Means and Extremes of Temperature, and the Mean amounts of Rainfall and Bright Sunshine, with which the current values in the Daily Weather Report may be compared.

(Issued in Continuation of those Published in 1891.)

TABLE I.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN VALUES OF BAROMETRIC PRESSURE FOR EACH MONTH AND FOR THE WHOLE YEAR—DERIVED FROM OBSERVATIONS MADE AT 8 A.M. DAILY DURING THE 25 YEARS 1871—95.

STATIONS.	JAN.	FEB.	MAR.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCT.	NOV.	DEC.	ANNUAL	LIMITS OF YEARS OF ACTUAL OBSERVATIONS.	NO. OF YEARS.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		
Sumburgh Head	29·676	29·772	29·737	29·860	29·889	29·898	29·789	29·767	29·793	29·712	29·693	29·656	29·770	1872—1895	24
Stornoway -	29·688	29·775	29·772	29·845	29·893	29·894	29·800	29·782	29·814	29·743	29·703	29·688	29·783	1873—1895	23
Wick - -	29·715	29·800	29·781	29·866	29·907	29·916	29·813	29·798	29·831	29·747	29·728	29·699	29·800	1871—1895	25
Nairn - -	29·744	29·815	29·802	29·868	29·912	29·917	29·817	29·803	29·843	29·763	29·743	29·727	29·813	,, ,, ,,	25
Aberdeen - -	29·786	29·853	29·821	29·885	29·926	29·933	29·831	29·819	29·863	29·779	29·772	29·758	29·836	,, ,, ,,	25
Leith- - -	29·821	29·873	29·849	29·887	29·936	29·943	29·846	29·835	29·887	29·805	29·798	29·797	29·856	,, ,, ,,	25
Shields - -	29·871	29·908	29·873	29·891	29·947	29·959	29·866	29·858	29·910	29·826	29·824	29·836	29·881	,, ,, ,,	25
Spurn Head -	29·911	29·938	29·891	29·887	29·956	29·971	29·896	29·894	29·947	29·847	29·854	29·870	29·905	1880—1895	16
York- - -	29·922	29·945	29·904	29·901	29·965	29·979	29·899	29·895	29·948	29·862	29·859	29·886	29·914	1873—1895	23
Loughborough -	29·958	29·972	29·931	29·905	29·976	29·991	29·927	29·923	29·971	29·886	29·888	29·922	29·938	1871—1895	25
Ardrossan - -	29·834	29·880	29·861	29·879	29·938	29·944	29·856	29·843	29·892	29·813	29·799	29·809	29·862	,, ,, ,,	25
Malin Head -	29·795	29·844	29·842	29·855	29·918	29·934	29·851	29·830	29·869	29·798	29·755	29·768	29·838	1885—1895	11
Belmullet - -	29·830	29·870	29·882	29·863	29·941	29·953	29·889	29·867	29·904	29·846	29·799	29·822	29·872	,, ,, ,,	11
Donaghadee -	29·854	29·894	29·883	29·883	29·952	29·959	29·880	29·869	29·916	29·834	29·819	29·840	29·882	1873—1895	23
Liverpool - -	29·918	29·943	29·911	29·892	29·965	29·976	29·905	29·898	29·947	29·862	29·862	29·891	29·914	1871—1895	25
Holyhead - -	29·897	29·923	29·906	29·880	29·961	29·976	29·909	29·898	29·941	29·854	29·845	29·876	29·906	,, ,, ,,	25
Parsonstown -	29·895	29·915	29·925	29·883	29·963	29·981	29·914	29·908	29·948	29·877	29·852	29·891	29·913	1873—1895	23
Valencia - -	29·894	29·917	29·929	29·871	29·967	29·984	29·937	29·921	29·961	29·879	29·867	29·900	29·919	1871—1895	25
Roche's Point -	29·909	29·927	29·930	29·873	29·964	29·983	29·933	29·921	29·963	29·876	29·869	29·908	29·921	,, ,, ,,	25
Pembroke - -	29·932	29·948	29·930	29·875	29·965	29·983	29·933	29·923	29·962	29·871	29·871	29·914	29·926	,, ,, ,,	25
Scilly - -	29·960	29·964	29·946	29·872	29·975	30·002	29·969	29·958	29·982	29·892	29·898	29·950	29·947	,, ,, ,,	25
Prawle Point -	29·991	29·996	29·960	29·890	29·988	30·010	29·977	29·968	30·004	29·910	29·917	29·970	29·965	1879—1895	17
Jersey - -	30·012	30·016	29·965	29·893	29·992	30·019	29·998	29·987	30·003	29·913	29·937	29·993	29·977	1876—1895	20
Hurst Castle -	29·991	29·996	29·955	29·893	29·983	30·007	29·963	29·962	30·002	29·906	29·912	29·962	29·961	1874—1895	22
Dover - -	29·992	29·990	29·936	29·884	29·968	29·989	29·950	29·945	29·981	29·898	29·904	29·954	29·949	1871—1895	25
London - -	29·991	29·996	29·949	29·901	29·982	30·001	29·953	29·951	29·991	29·907	29·910	29·956	29·957	,, ,, ,,	25
Oxford - -	29·987	29·994	29·951	29·907	29·984	29·996	29·943	29·944	29·985	29·906	29·908	29·956	29·955	,, ,, ,,	25
Cambridge -	29·979	29·987	29·941	29·904	29·978	29·994	29·934	29·933	29·979	29·895	29·901	29·941	29·947	1873—1895	23
Yarmouth - -	29·960	29·967	29·916	29·894	29·966	29·983	29·923	29·920	29·959	29·874	29·879	29·915	29·930	1871—1895	25

NOTE.—When the records available have not extended over the whole of the period 1871—95 the following rules have been observed for purposes of interpolation :—

(1) Where the observations available have not covered a period of eleven years or more they have been rejected.

(2) When the observations have covered a period of eleven years, or more, the means have been reduced to their approximate values for the whole period by comparison with the values at adjacent stations.

At the North Foreland the observations are insufficient in point of duration to furnish averages of any great value.

TABLE II.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN

MONTH AND FOR THE WHOLE YEAR, DERIVED FROM

STATIONS.	JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.		JUNE.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
	°	°	°	°	°	°	°	°	°	°	°	°
Sumburgh Head	39·4	38·0	38·6	37·2	38·5	37·0	42·1	40·4	46·1	44·1	50·5	48·7
Stornoway	39·1	38·2	38·9	38·0	39·2	38·2	43·8	42·3	48·4	46·5	53·4	51·4
Wick	37·9	36·6	37·7	36·4	38·9	37·2	43·3	41·3	48·1	45·7	53·4	50·8
Nairn	36·9	35·4	36·7	35·1	37·9	36·2	43·0	40·7	48·8	45·7	54·4	51·0
Aberdeen	36·9	35·2	36·9	35·2	38·6	36·5	43·5	40·8	48·9	45·4	54·8	50·8
Leith	38·2	36·7	38·1	36·7	39·3	37·6	44·2	41·8	50·1	46·7	55·9	52·3
Shields	37·7	36·5	38·3	36·9	39·3	37·7	43·6	41·4	49·0	46·0	54·9	51·8
Spurn Head	37·3	36·3	38·1	37·2	39·7	38·3	44·1	42·4	49·4	47·3	55·3	52·8
York	36·2	35·2	37·0	36·0	38·5	36·9	43·7	41·6	49·9	46·8	56·1	52·7
Loughborough	35·8	34·8	36·7	35·5	38·6	36·9	44·1	41·8	51·0	47·6	57·7	53·8
Ardrossan	39·5	38·4	39·2	38·0	40·1	38·6	44·6	42·4	49·8	47·0	55·3	52·3
Malin Head	40·6	39·0	41·0	39·5	41·0	39·3	44·2	42·2	48·7	46·3	53·6	51·2
Belmullet	42·3	41·0	42·3	40·7	43·2	41·4	46·5	44·3	51·0	48·2	56·2	53·2
Donaghadee	39·7	38·9	40·0	39·1	40·7	39·5	44·8	43·1	49·7	47·6	55·1	53·0
Liverpool	38·1	36·5	38·5	37·0	40·2	38·1	45·2	42·2	50·9	47·0	57·0	52·8
Holyhead	41·3	40·0	41·1	39·8	42·0	40·5	46·0	44·0	50·6	48·1	55·9	53·4
Parsonstown	38·3	37·3	39·1	37·8	40·1	38·6	45·1	42·7	51·0	47·9	56·2	52·9
Valencia	44·0	42·7	44·3	42·6	44·8	42·8	48·4	45·9	52·9	49·7	57·4	54·5
Roche's Point	42·7	41·4	43·0	41·4	43·3	41·5	47·0	44·7	51·8	49·0	57·0	53·8
Pembroke	42·2	40·8	41·8	40·5	42·1	40·4	45·4	43·7	50·0	47·9	55·4	53·4
Scilly	46·0	44·4	45·7	44·1	46·0	44·1	48·8	46·8	52·7	50·4	57·5	55·3
Prawle Point	41·3	40·3	41·2	40·2	42·7	41·2	46·6	44·9	51·7	49·5	57·1	54·7
Jersey	41·5	40·0	42·0	40·6	44·0	41·9	48·8	46·1	53·8	50·6	59·0	55·9
Hurst Castle	39·6	38·8	39·8	38·8	41·0	39·9	45·8	44·4	51·9	50·1	57·9	55·7
Dover	38·4	37·4	38·8	37·7	40·6	39·2	46·4	44·1	52·5	49·4	58·2	55·0
London	37·1	36·0	38·1	36·8	40·0	38·1	46·2	43·2	52·7	48·6	58·9	54·6
Oxford	36·4	35·4	37·3	36·1	38·7	37·2	44·4	42·1	50·8	47·6	56·8	53·3
Cambridge	35·6	34·8	36·7	35·7	38·8	37·4	45·7	43·0	51·9	48·6	58·1	54·7
Yarmouth	37·0	36·1	37·8	36·9	40·1	38·5	44·7	43·0	50·6	48·1	56·8	54·0

NOTE.—When the records available have not extended over the whole of the period 1871 to 1895, the

(1) Where the observations available have not covered a period of eleven years or more they have

(2) When the observations have covered a period of eleven years or more the means have been

At the North Foreland the observations are

VALUES OF THE DRY BULB AND WET BULB TEMPERATURES FOR EACH

OBSERVATIONS MADE AT 8 A.M. DAILY DURING THE 25 YEARS 1871-95.

JULY.		AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.		ANNUALS.		Limits of Years of Actual Observations.	Number of Years.
Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.		
°	°	°	°	°	°	°	°	°	°	°	°	°	°		
53·3	51·7	53·4	51·8	50·8	49·1	45·9	44·2	42·3	40·6	39·8	38·3	45·1	43·4	1871—1895	25
55·4	53·7	55·0	53·5	51·5	50·2	45·4	44·3	42·0	41·0	39·6	38·7	46·0	44·7	,, ,, ,,	25
55·8	53·6	55·3	53·4	52·0	50·1	46·1	44·5	41·6	40·1	38·3	37·1	45·7	43·9	,, ,, ,,	25
56·7	53·4	55·7	53·0	51·5	49·1	44·5	42·6	40·0	38·4	37·2	35·7	45·3	43·0	,, ,, ,,	25
57·4	53·7	56·6	53·5	52·3	49·8	45·4	43·4	40·7	38·9	37·0	35·3	45·8	43·2	,, ,, ,,	25
58·3	54·7	57·6	54·4	53·3	50·8	46·4	44·5	41·8	40·1	38·7	37·2	46·8	44·5	,, ,, ,,	25
58·1	54·9	57·3	54·6	53·2	51·0	46·9	45·1	42·4	40·8	38·4	37·0	46·6	44·5	,, ,, ,,	25
59·4	56·6	58·9	56·6	55·6	53·8	48·8	47·3	43·5	42·2	38·9	37·8	47·4	45·7	1880—1895	16
59·1	55·8	57·8	55·1	52·9	51·0	45·6	44·2	40·9	39·7	36·6	35·6	46·2	44·2	1873—1895	23
60·9	57·2	59·2	56·3	53·6	51·9	45·6	44·3	40·7	39·5	36·4	35·4	46·7	44·6	,, ,, ,,	23
57·3	54·7	57·3	55·0	53·7	51·6	47·6	45·7	43·3	41·6	40·3	39·1	47·3	45·4	1871—1895	25
55·9	53·7	56·1	53·9	53·5	51·1	48·2	46·1	43·9	42·0	41·3	39·6	47·3	45·3	1885—1895	11
57·5	54·9	57·8	55·2	55·1	52·7	49·4	46·4	45·3	43·3	42·8	40·9	49·1	46·9	,, ,, ,,	11
57·3	55·4	56·9	55·4	53·6	52·4	47·6	46·3	43·4	42·3	40·4	39·5	47·4	46·0	1873—1895	23
59·3	55·4	58·6	55·3	54·7	52·0	47·6	45·5	42·7	40·9	39·0	37·3	47·7	45·0	1871—1895	25
58·1	55·8	58·4	56·2	55·8	53·6	50·1	48·0	45·9	44·2	42·8	41·2	49·0	47·1	,, ,, ,,	25
57·9	54·8	57·2	55·1	52·8	50·9	45·5	43·9	41·8	40·3	38·3	37·0	46·9	44·9	1873—1895	23
59·0	56·4	59·3	56·9	56·4	54·1	51·0	48·8	47·4	45·5	45·0	42·9	50·8	48·6	1871—1895	25
58·8	55·9	58·8	56·3	55·6	53·4	49·9	48·1	46·2	44·6	43·5	42·1	49·8	47·7	,, ,, ,,	25
57·9	55·9	58·6	56·6	56·2	54·0	51·0	49·1	47·1	45·4	43·9	42·6	49·3	47·5	,, ,, ,,	25
60·2	58·1	60·9	58·8	58·5	56·4	53·6	51·5	50·1	48·1	47·4	45·5	52·3	50·3	,, ,, ,,	25
59·5	57·2	60·0	57·9	57·2	55·3	51·0	49·4	46·4	44·9	42·8	41·4	49·8	48·1	1879—1895	17
62·0	58·9	63·0	59·7	60·2	57·2	53·3	50·6	48·0	46·0	43·5	41·7	51·6	49·1	1871—1895	25
61·1	58·8	61·2	59·0	57·3	55·7	50·7	49·1	45·3	44·3	40·9	40·1	49·4	47·9	1874—1895	22
61·7	58·4	61·9	58·7	57·9	55·5	50·2	48·4	44·7	43·3	40·0	38·9	49·3	47·2	1871—1895	25
61·8	57·6	60·9	57·3	55·8	53·4	47·5	45·9	42·5	41·1	38·0	36·8	48·3	45·8	,, ,, ,,	25
59·8	56·4	58·8	55·9	53·9	52·0	46·0	44·7	41·4	40·2	37·1	36·0	46·8	44·7	,, ,, ,,	25
61·1	57·6	59·9	57·1	54·6	52·9	46·3	45·3	41·0	40·1	36·4	35·6	47·2	45·2	1873—1895	23
60·7	57·6	60·5	57·5	56·4	54·4	49·1	47·6	43·4	42·2	38·1	37·1	47·9	46·1	1871—1895	25

following rules have been observed for purposes of interpolation :—

been rejected.

reduced to their approximate values for the whole period by comparison with the values at adjacent and similarly exposed stations having a complete record.

insufficient in point of duration to furnish averages of any great value.

TABLE III.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN VALUES OF THE DAILY

FOR EACH MONTH AND FOR THE WHOLE YEAR—DERIVED

STATIONS.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
Sumburgh Head	42·5	35·2	38·9	42·2	34·4	38·3	42·8	34·0	38·4	46·2	36·9	41·6	50·3	40·3	45·3	54·6	45·0	49·8
Stornoway	42·9	34·0	38·5	43·6	34·2	38·9	44·9	34·2	39·6	49·2	37·1	43·2	53·5	41·0	47·3	58·2	46·0	52·1
Wick	42·0	32·9	37·5	42·9	32·9	37·9	44·9	33·8	39·4	49·3	37·0	43·2	53·9	40·7	47·3	58·9	45·5	52·2
Nairn	42·0	32·2	37·1	43·4	32·5	38·0	45·9	33·4	39·7	51·4	36·9	44·2	56·6	41·9	49·3	62·3	47·3	54·8
Aberdeen	42·0	32·8	37·4	43·1	33·3	38·2	45·7	34·3	40·0	49·6	38·0	43·8	54·9	41·9	48·4	61·0	47·2	54·1
Leith	43·9	33·3	38·6	45·5	33·9	39·7	48·0	34·4	41·2	52·2	37·9	45·1	57·8	42·4	50·1	63·9	48·0	56·0
Shields	42·7	33·5	38·1	43·9	34·4	39·2	46·2	34·8	40·5	49·3	38·4	43·9	54·5	42·7	48·6	60·6	48·5	54·6
Spurn Head	41·2	34·0	37·6	42·2	35·4	38·8	44·8	36·4	40·6	48·6	40·2	44·4	54·3	45·0	49·7	60·3	51·1	55·7
York	42·2	31·9	37·1	44·4	33·2	38·8	48·4	33·8	41·1	54·0	37·5	45·8	59·9	42·3	51·1	66·2	48·4	57·3
Loughborough	42·5	31·7	37·1	45·2	33·0	39·1	49·8	33·8	41·8	55·7	37·7	46·7	61·9	42·6	52·3	68·6	48·8	58·7
Ardrossan	43·7	35·7	39·7	44·4	35·9	40·2	46·4	36·1	41·3	51·7	39·4	45·6	56·6	43·9	50·3	62·1	49·4	55·8
Malin Head	45·0	37·6	41·3	45·5	38·3	41·9	46·5	38·5	42·5	50·1	41·7	45·9	54·3	45·5	49·9	59·0	50·8	54·9
Belmullet	46·4	38·7	42·6	47·2	38·8	43·0	48·4	39·3	43·9	52·2	42·7	47·5	55·7	46·3	51·0	60·8	51·4	56·1
Donaghadee	44·2	35·8	40·0	45·5	36·6	41·1	47·3	37·1	42·2	51·2	40·5	45·9	56·1	44·6	50 4	61·5	49·7	55·6
Liverpool	43·0	34·7	38·9	44·3	35·7	40·0	47·2	36·7	42·0	53·0	40·4	46·7	58·2	45·1	51·7	64·0	51·1	57·6
Holyhead	45·1	38·2	41·7	45·4	38·3	41·9	47·4	38·8	43·1	51·7	42·0	46·9	56·3	46·1	51·2	61·7	51·3	56·5
Parsonstown	45·0	33·6	39·3	46·8	35·1	41·0	49·9	34·9	42·4	54·9	38·2	46·6	59·7	42·8	51·3	64·9	48·5	56·7
Valencia	49·0	39·8	44·4	49·5	40·3	44·9	51·0	40·3	45·7	54·3	43·0	48·7	58·1	46·5	52·3	62·5	51·2	56·9
Roche's Point	47·3	38·9	43·1	48·2	39·4	43·8	49·7	39·5	44·6	53·8	42·4	48·1	58·7	46·3	52·5	64·3	51·3	57·8
Pembroke	45·1	39·0	42·1	45·3	39·0	42·2	46·6	39·0	42·8	50·7	42·0	46·4	55·1	46·0	50·6	60·5	51·6	56·1
Scilly	48·5	42·3	45·4	48·6	42·4	45·5	49·5	42·3	45·9	52·3	44·9	48·6	56·4	48·3	52·4	61·5	53·2	57·4
Prawle Point	45·7	37·0	41·4	46·6	37·8	42·2	48·2	37·7	43·0	52·3	41·1	46 7	56·9	45·4	51·2	61·7	50·7	56·2
Jersey	45·6	37·9	41·8	46·8	38·8	42·8	49·7	39·8	44·8	54·7	43·7	49·2	59·7	47·4	53·6	64·9	52·8	58·9
Hurst Castle	44·4	35·6	40·0	45·4	36·3	40·9	47·9	37·1	42·5	52·8	41·3	47·1	59·0	45·9	52·5	64·6	52·0	58·3
Dover	42·9	34·7	38·8	44·2	35·5	39·9	46·5	36·6	41·6	51·4	41·4	46·4	57·2	46·4	51·8	63·0	52·3	57·7
London	43·4	33·2	38·3	45·5	34·5	40·0	50·1	35·2	42·7	56·6	39·8	48·2	62·6	44·5	53·6	69·2	50·6	59·9
Oxford	42·5	32·9	37·7	44·9	34·2	39·6	49·3	34·5	41·9	55·2	38·8	47·0	61·0	43·5	52·3	67·1	49·9	58·5
Cambridge	42·7	30·9	36·8	45·5	32·1	38·8	50·6	32·9	41·8	56·7	37·1	46·9	62·4	42·1	52·3	68·8	48·4	58·6
Yarmouth	40·9	33·0	37·0	42·3	34·0	38·2	45·2	35·3	40·3	49·2	40·0	44·6	55·3	44·8	50·1	61·9	51·0	56·5

NOTE:—When the records available have not extended over the whole of the period 1871-95, the

(1) Where the observations available have not covered a period of eleven years or more, they have

(2) When the observations have covered a period of eleven years or more, the means have been

At the North Foreland the observations

MAXIMUM AND MINIMUM TEMPERATURES, AND OF THE MAXIMUM AND MINIMUM COMBINED, FROM OBSERVATIONS EXTENDING OVER THE 25 YEARS 1871—1895.

JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			ANNUALS.			Limits of Years of Actual Observations.	Number of Years.
Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.		
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°		
57·5	48·3	52·9	57·7	48·5	53·1	55·0	46·1	50·6	49·7	41·6	45·7	45·8	38·2	42·0	42·8	35·5	39·2	48·9	40·3	44·6	1871—1895	25
60·2	49·0	54·6	59·8	49·1	54·5	56·5	45·8	51·2	50·8	40·3	45·6	46·4	37·1	41·8	43·3	34·4	38·9	50·8	40·2	45·5	,, ,, ,,	25
61·6	48·9	55·3	61·2	48·6	54·9	57·8	45·7	51·8	51·6	40·4	46·0	46·2	36·4	41·3	42·4	33·0	37·7	51·1	39·7	45·4	1872—1895	24
64·3	50·6	57·5	63·6	50·1	56·9	59·5	46·2	52·9	51·9	40·0	46·0	45·7	35·5	40·6	42·2	32·4	37·3	52·4	39·9	46·2	1871—1895	25
63·6	50·7	57·2	63·1	50·2	56·7	59·3	46·6	53·0	52·3	41·1	46·7	46·3	36·7	41·5	42·0	32·8	37·4	51·9	40·5	46·2	,, ,, ,,	25
66·4	51·2	58·8	65·8	51·3	58·6	62·0	47·5	54·8	54·5	41·4	48·0	48·2	37·1	42·7	44·1	33·7	38·9	54·4	41·0	47·7	,, ,, ,,	25
63·9	51·9	57·9	63·9	51·7	57·8	60·1	48·2	54·2	53·2	42·2	47·7	47·6	38·0	42·8	43·1	33·9	38·5	52·4	41·5	47·0	,, ,, ,,	25
64·8	54·9	59·9	64·4	54·9	59·7	60·7	52·5	56·6	53·3	45·5	49·4	47·1	40·4	43·8	42·6	35·4	39·0	52·0	43·8	47·9	1880—1895	16
68·5	51·8	60·2	67·8	51·4	59·6	63·2	47·5	55·4	54·4	41·0	47·7	47·7	36·6	42·2	42·5	32·4	37·5	54·9	40·7	47·8	1871—1895	25
71·1	52·5	61·8	70·3	52·0	61·2	65·4	47·6	56·5	55·6	40·9	48·3	48·4	36·7	42·6	43·0	32·3	37·7	56·5	40·8	48·7	,, ,, ,,	25
63·5	52·7	58·1	63·4	52·8	58·1	59·7	49·4	54·6	53·5	43·4	48·5	47·9	39·2	43·6	44·7	36·2	40·5	53·1	42·8	48·0	1872—1895	24
60·9	53·5	57·2	61·7	54·0	57·9	58·4	51·1	54·8	52·4	45·6	49·0	48·0	40·9	44·5	45·2	38·1	41·7	52·3	44·6	48·5	1885—1895	11
62·2	53·8	58·0	62·5	54·1	58·3	59·6	51·6	55·6	53·9	46·0	50·0	49·4	41·5	45·5	46·9	39·0	43·0	53·8	45·3	49·6	,, ,, ,,	11
63·2	52·2	57·7	62·5	52·6	57·6	60·0	49·4	54·7	53·6	43·3	48·5	48·5	39·4	44·0	45·8	36·3	41·1	53·3	43·1	48·2	1873—1895	23
65·9	54·1	60·0	65·6	54·3	60·0	61·5	50·9	56·2	63·7	44·5	49·1	48·0	39·7	43·9	43·8	35·7	39·8	54·0	43·6	48·8	1871—1895	25
63·7	54·2	59·0	64·0	54·7	59·4	60·8	52·5	56·7	54·6	47·0	50·8	49·8	42·9	46·4	46·5	39·2	42·9	53·9	45·4	49·7	1872—1895	24
66·2	51·4	58·8	65·7	51·5	58·6	61·7	47·2	54·5	54·6	40·4	47·5	49·1	37·0	43·1	45·1	33·5	39·3	55·3	41·2	48·3	,, ,, ,,	24
63·9	53·6	58·8	64·4	54·2	59·3	61·8	51·3	56·6	56·3	46·3	51·3	52·3	42·9	47·6	49·9	40·4	45·2	56·1	45·8	51·0	1871—1895	25
65·8	53·3	59·6	65·7	53·9	59·8	61·7	51·0	56·4	55·7	45·8	50·8	51·2	42·0	46·6	48·2	39·4	43·8	55·9	45·3	50·6	1872—1895	24
62·4	54·8	58·6	63·0	55·6	59·3	60·3	53·1	56·7	54·7	47·8	51·3	50·3	43·6	47·0	47·0	40·5	43·8	53·4	46·0	49·7	,, ,, ,,	24
64·4	56·2	60·3	64·9	56·9	60·9	62·0	54·8	58·4	56·6	50·0	53·3	52·6	46·6	49·6	49·8	43·6	46·7	55·6	48·5	52·1	1871—1895	25
64·4	53·8	59·1	65·1	54·5	59·8	62·5	52·3	57·4	56·5	46·1	51·3	51·2	42·1	46·7	47·3	38·5	42·9	54·9	44·8	49·9	1879—1895	17
68·2	56·3	62·3	68·8	57·2	63·0	65·8	54·9	60·4	58·3	48·7	53·5	52·3	44·3	48·3	47·7	39·7	43·7	56·9	46·8	51·9	1871—1895	25
67·7	55·5	61·6	68·1	56·0	62·1	64·6	52·3	58·5	57·1	45·8	51·5	50·7	41·0	45·9	45·9	36·7	41·3	55·7	44·6	50·2	1874—1895	22
66·7	56·0	61·4	67·3	56·6	62·0	63·7	53·2	58·5	56·3	46·1	51·2	49·7	40·9	45·3	44·7	35·9	40·3	54·5	44·6	49·6	1872—1895	24
72·0	54·0	63·0	71·6	53·5	62·6	66·5	49·6	58·1	56·6	42·7	49·7	49·6	38·3	44·0	44·3	34·0	39·2	57·3	42·5	49·9	1871—1895	25
69·4	53·3	61·4	69·1	53·0	61·1	64·3	48·8	56·6	55·4	42·0	48·7	48·5	37·7	43·1	43·2	33·6	38·4	55·8	41·9	48·8	,, ,, ,,	25
71·6	52·1	61·9	71·1	51·9	61·5	66·0	47·9	57·0	56·4	40·9	48·7	48·9	36·0	42·5	43·2	31·6	37·4	57·0	40·3	48·7	,, ,, ,,	25
66·2	54·8	60·5	66·3	54·7	60·5	62·3	51·3	56·8	54·3	44·6	49·5	47·7	39·2	43·5	42·2	33·8	38·0	52·8	43·0	47·9	1872—1895	24

following rules have been observed for purposes of interpolation :—

been rejected.

reduced to their approximate value for the whole period by comparison with the values at adjacent and similarly exposed Stations having a complete record.

are insufficient in point of duration to furnish averages of any great value.

TABLE V.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN RAINFALL FOR EACH MONTH AND FOR THE WHOLE YEAR—DERIVED FROM OBSERVATIONS EXTENDING OVER THE 30 YEARS 1866 TO 1895.

STATIONS.	JAN.	FEB.	MAR.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCT.	NOV.	DEC.	ANNUAL	LIMITS OF YEARS OF ACTUAL OBSERVATIONS.	NO. OF YEARS.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		
Sumburgh Head -	3·85	3·11	2·75	1·95	1·76	1·93	2·36	3·34	3·38	4·31	4·14	4·27	37·15	1871—1895	25
Stornoway - -	5·17	3·80	3·70	2·49	2·53	2·76	3·08	3·77	4·09	5·15	4·80	5·64	46·98	1855—1895	41
Wick - - -	2·24	2·16	1·99	1·63	1·77	1·75	2·52	2·68	2·51	3·14	2·93	3·17	28·49	1866—1895	30
Nairn - - -	1·98	1·65	1·68	1·21	1·68	1·73	2·73	2·80	2·48	2·51	2·14	1·94	24·53	,, ,, ,,	30
Aberdeen - -	2·38	2 26	2·23	1·96	2·01	1·80	2·84	3·15	2·89	3·05	3·16	3·11	30·84	,, ,, ,,	30
Leith - - -	1·78	1·51	1·41	1·46	1·70	1·79	2·80	2·74	2·19	2·03	2·05	1·89	23 35	,, ,, ,,	30
Shields - - -	1·72	1·50	1·74	1·65	1·64	1·71	2·69	2·86	2·30	2·58	2·39	2·32	25·10	,, ,, ,,	30
Spurn Head -	1·38	1·32	1·19	1·35	1·61	1·64	1·78	1·84	1·83	2·33	2·28	2·05	20·60	1880—1895	16
York - - -	1·84	1·68	1·66	1·68	1·87	2·21	2·78	2·62	2·45	2·74	2·21	2·21	25·95	1866—1895	30
Loughborough -	2·01	1·71	1·54	1·71	2·05	2·20	2·35	2·50	2·50	2·83	2·21	2·24	25·85	1872—1895	24
Ardrossan - -	3·89	2·93	2·30	2·03	2·28	2·32	2·86	3·91	3·38	3·82	3·78	3·66	37·16	1866—1895	30
Belmullet - -	**5·48**	**4·20**	**3·80**	**2·48**	**2·83**	**2·85**	**3·59**	**4·62**	**4·26**	**5·18**	**5·92**	**5·36**	**50·57**	1876—1895	20
Donaghadee - -	2·90	2·34	1·97	1·86	2·21	2·03	2·82	3·27	2·74	3·22	3·10	2·85	31·31	1873—1895	23
Liverpool - -	2·18	1·68	1·67	1·54	1·83	1·99	2·99	2·87	3·17	3·58	2·81	2·62	28·93	1866—1895	30
Holyhead - -	3·26	2·42	2·20	1·86	1·85	1·97	2·37	2·98	3·10	4·44	3·96	3·83	34·24	,, ,, ,,	30
Parsonstown -	2·99	2·16	2·20	2·04	2·31	2·34	2·98	3·67	2·92	3·12	2·86	3·09	32·68	,, ,, ,,	30
Valencia - -	6·31	4·89	3·87	3·67	3·13	3·34	4·23	4·85	4·38	5·57	5·63	5·93	55·80	1869—1895	27
Roche's Point -	5·33	4·19	3·38	3·06	3·01	3·07	3·18	4·03	3·74	4·16	4·79	5·16	47·10	1868—1895	28
Pembroke - -	3·71	2·62	2·26	1·89	1·96	1·88	2·53	2·88	3·32	4·11	4·04	3·96	35·16	1871—1895	25
Scilly - - -	3·63	2·62	2·28	2·15	1·69	1·76	2·47	2·54	3·28	3·77	3·80	4·00	33·99	,, ,, ,,	25
Prawle Point .	2·92	1·94	1·88	1·94	1·48	1·59	2·39	2·24	2·41	3·78	3·26	3·77	29·60	1879—1895	17
Jersey - - -	3·21	2·41	2·24	2·01	1·86	1·86	2·54	2·44	2·96	4·70	4·19	3·76	34·18	1866—1895	30
Hurst Castle -	2·86	2·10	1·78	1·72	1·64	1·83	2·39	2·37	2·76	3·60	3·11	2·77	28·93	,, ,, ,,	30
Dover - - -	2·47	1·81	1·74	1·61	1·66	1·52	2·05	2·07	2·53	3·43	3·30	2·79	26·98	,, ,, ,,	30
London - - -	2·06	1·64	1·43	1·70	1·77	1·99	2·48	2·36	2·17	2·82	2·31	2·11	24·84	,, ,, ,,	30
Oxford - - -	2·16	1·76	1·50	1·66	1·83	2·11	2·68	2·32	2·43	2·75	2·42	2·10	25·72	,, ,, ,,	30
Cambridge - -	1·52	1·42	1·34	1·56	1·87	2·14	2·62	2·39	2·13	2·41	2·07	1·82	23·29	,, ,, ,,	30
Yarmouth - -	1·96	1·73	1·73	1·63	1·83	1·86	2·89	2·30	2·64	3·11	2·92	2·53	27·13	,, ,, ,,	30

NOTE.—When the records available have not extended over the whole of the period 1866-1895, the following rules have been observed for purposes of interpolation :—

(1) Where the observations available have not covered a period of *sixteen* years, or more, they have been rejected.

(2) When the observations have covered a period of sixteen years, or more, the means have been reduced to their approximate values for the whole period by comparison with the values at adjacent and similarly exposed stations.

(3) In the case of Belmullet the values could not be corrected in the manner described ; the values given above are therefore for twenty years only, and are printed in thick type.

At North Foreland and Malin Head the observations are insufficient in point of duration to furnish averages of any great value.

TABLE VI.—Showing, for certain TELEGRAPHIC REPORTING STATIONS for EACH MONTH and the WHOLE YEAR, the Mean Numbers of Hours of BRIGHT SUNSHINE, together with the PERCENTAGES of the POSSIBLE DURATION, in each instance —derived from Observations extending over the 15 years 1881 to 1895.

STATIONS.	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Annuals.		Limits of Years of Actual Observations.	Number of Years.
	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.		
Stornoway	29·2	13	63·6	25	103·3	29	159·0	37	184·8	36	185·1	35	143·6	27	117·4	25	103·3	27	84·1	27	42·1	18	25·4	13	1240·9	28	1881—1895	15
Aberdeen	52·6	23	73·4	28	124·0	34	154·0	36	192·2	38	196·5	37	160·8	31	151·1	33	124·2	33	97·5	31	54·7	23	39·9	20	1420·9	32	,, ,, ,,	15
York	30·2	12	60·0	22	109·1	30	139·4	33	187·8	38	173·0	34	163·3	32	145·1	32	118·4	32	87·3	27	39·7	16	26·5	12	1279·8	29	,, ,, ,,	15
Parsonstown	50·8	21	68·0	25	114·7	32	155·8	38	180·2	37	173·7	35	136·5	27	131·0	29	124·7	33	97·1	30	63·1	25	45·0	20	1340·6	30	,, ,, ,,	15
Valencia	56·1	22	72·9	27	135·3	37	171·5	42	206·4	43	203·4	41	153·8	31	146·0	33	130·4	35	104·2	32	63·8	25	43·9	19	1487·7	34	,, ,, ,,	15
Pembroke	53·6	21	79·9	29	139·9	38	185·9	45	217·3	45	234·7	48	199·7	40	188·8	42	146·5	39	103·4	32	58·8	23	46·0	20	1654·5	38	,, ,, ,,	15
Jersey	71·2	27	95·0	34	160·2	44	196·3	48	249·2	53	243·1	51	230·0	48	241·2	55	183·4	49	127·4	39	70·9	26	62·6	25	1930·5	44	,, ,, ,,	15
London (Westminster)	19·3	8	33·0	12	72·3	20	113·9	28	168·6	35	167·4	34	162·0	33	160·9	36	111·5	30	70·1	22	29·5	11	11·8	5	1120·3	25	1883—1895	13
Oxford	47·1	19	66·3	24	119·7	33	152·1	37	196·6	41	192·1	39	185·5	38	182·9	41	141·0	38	101·7	31	55·4	22	41·8	18	1482·2	34	1881—1895	15
Cambridge	49·8	20	70·5	26	127·4	35	157·7	38	199·6	41	195·3	40	189·6	38	180·5	40	144·2	39	104·4	32	61·7	24	41·2	18	1521·9	35	,, ,, ,,	15

Note.—Where the records available have not extended over the whole period of 1881-1895, they have been reduced to their approximate values for the 15 years by comparison with those at adjacent and similarly exposed stations.

The observations at Scilly are insufficient in point of duration to furnish averages of any great value ; they are therefore omitted.

Wyman & Sons, Ltd., Printers, 63, Carter Lane, Doctors' Commons, E.C. [8984)

DAILY WEATHER REPORT

for 8 a.m. on Thursday 1st October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·28	45	W	2	b	30·11	·00	48	46	+ 3	S	4	c	*	b	*	52	41	—
	Hernösand ...	30·43	38	Z	0	b	30·23	— ·11	47	44	+ 9	S	6	b	*	b	*	57	32	—
	Stockholm ...	30·58	46	SW	2	b	30·51	+ ·03	48	46	+ 2	SW	2	b	*	b	*	57	43	—
	Wisby	30·62	46	WNW	4	b	30·58	+ ·08	46	46	— 4	S	4	b	*	b	*	54	43	—
	Karlstad ...	30·55	50	WSW	2	b	30·48	+ ·05	50	48	+ 1	SW	4	bc	*	b	*	*	*	—
	Bodö	29·94	45	SW	5	o	29·75	— ·32	53	49	+ 7	SSW	8	r	5	o	*	53	43	0·32
	Christiansund ...	30·15	54	SW	4	o	29·99	— ·29	57	50	+ 10	WSW	8	c	5	o	*	57	46	—
	Skudesnaes ...	30·44	54	S	6	o	30·36	·00	55	53	+ 5	S	8	o	5	o	*	55	48	*
	Færder (Christiania Fjord)	30·52	54	SW	3	b	30·46	+ ·03	55	52	+ 4	WSW	4	bc	3	b	*	55	50	—
	Skagen (The Scaw)	30·58	53	Z	0	b	30·53	+ ·07	49	48	— 3	W	1	b	0	b	*	57	46	—
	Fanö	30·15	50	Z	0	b	30·52	+ ·09	46	46	— 2	S	1	f	*	b	*	50	45	—
BRITISH ISLANDS.	Sumburgh Head	30·06	52	SSW	4	o	30·13	— ·03	52	50	+ 1	WSW	4	c	4	o	*	54	48	0·24
	Stornoway ...	30·04	55	SSW	7	o	30·18	+ ·05	50	49	— 1	WSW	3	o	3	o, r	0·6	55	47	0·45
	Wick	30·15	48	SW	5	o	30·21	·00	50	50	— 2	SW	1	c	1	o	*	50	43	0·05
	Nairn	30·13	56	WSW	3	c	30·21	— ·01	57	56	+ 6	W	1	bc	1	c	*	57	48	0·02
	Aberdeen ...	30·27	53	SW	3	bc	30·26	— ·04	54	53	+ 6	SW	1	b	1	bc, p	1·0	57	48	0·07
	Leith	30·35	51	W	1	o	30·32	·00	56	55	+ 5	WSW	2	om	*	o	*	60	50	—
	Shields	30·40	57	SW	2	c	30·37	— ·02	53	52	+ 3	SW	2	p	2	c	*	60	46	—
	Spurn Head ...	30·45	55	SSE	3	bc	30·44	+ ·04	52	51	+ 2	SW	2	cw	3	bc	*	59	49	—
	York	30·46	56	SW	1	o	30·46	+ ·06	48	47	+ 6	SSW	1	o	*	b, o	6·9	64	40	—
	Loughborough ...	30·48	52	WSW	1	b	30·48	+ ·06	44	44	+ 2	Z	0	cfw	*	bc, bf, c	*	67	41	—
	Ardrossan ...	30·24	55	S	4	o	30·30	— ·05	55	55	+ 2	SSW	4	om	3	o	*	56	52	0·16
	Malin Head ...	30·26	55	WSW	5	og	30·27	— ·02	56	55	+ 5	SW	2	o	1	og, p	*	56	51	0·05
	Belmullet ...	30·32	57	SW	5	o	30·28	— ·04	56	56	+ 1	WSW	2	om	*	o	*	58	53	0·23
	Donaghadee ...	30·42	54	SW	3	c	30·35	— ·04	54	54	+ 7	SW	3	o	1	c, r	*	59	45	0·32
	Liverpool (Bidston)	30·49	53	Z	0	bc	30·44	+ ·01	51	48	— 1	S	1	o	1	bc	*	58	47	—
	Holyhead ...	30·49	53	SSW	2	bc	30·42	— ·01	56	54	+ 4	SW	2	rgf	1	bc	*	59	49	0·02
	Parsonstown ...	30·44	56	Z	0	c	30·38	— ·05	54	54	+ 8	Z	0	or	*	c	0·0	57	46	0·16
	Valencia ...	30·47	57	S	3	og	30·42	— ·03	57	56	+ 2	SSW	3	rmg	4	og	0·1	59	52	0·06
	Roche's Point ...	30·50	55	SSW	3	o	30·46	— ·06	55	54	+ 5	WSW	2	c	3	o	*	58	49	—
	Pembroke (St. Ann's Hd.)	30·51	55	NNW	2	b	30·47	+ ·02	56	55	+ 3	W	3	og	3	b	9·0	59	53	—
	Scilly	30·51	56	NNW	3	bc	30·50	+ ·07	56	55	+ 1	W	3	o	2	bc	9·6	58	54	—
	Prawle Point ...	30·49	54	WSW	3	bc	30·51	+ ·10	52	51	— 4	NW	2	c	1	bc	*	63	46	—
	Jersey (St. Aubin's)	30·45	59	ENE	2	b	30·49	+ ·11	59	55	0	NE	2	bcmw	2	b	*	62	48	—
	Hurst Castle ...	30·46	59	NE	1	cm	30·49	+ ·12	52	?	— 1	NE	1	om	1	bcm, cm	*	64	47	—
	Dungeness ...	30·44	57	NE	1	b	30·44	+ ·08	49	49	+ 1	N	2	mw	2	b, f	*	63	41	—
	North Foreland	30·47	56	E	2	b	30·47	+ ·08	59	53	+ 1	E	2	b	2	b	*	60	54	—
	London (Brixton) ...	30·48	53	NE	1	bm	30·50	+ ·11	44	43	— 4	Z	0	f	*	bc, bfw	1·4	62	44	—
	Oxford	30·51	48	Z	0	f	30·50	+ ·08	46	46	— 2	Z	0	f	*	o, b, f	*	61	42	—
	Cambridge ...	30·49	55	E	1	b	30·49	+ ·07	49	48	+ 1	E	1	omw	*	b	8·8	64	39	—
	Yarmouth ...	30·45	57	E	1	b	30·47	+ ·09	50	48	— 2	NW	1	bm	2	b	*	60	42	—
GERMANY & HOLLAND.	Cuxhaven ...	30·52	55	SE	1	b	30·50	+ ·08	50	50	+ 3	E	3	b	*	b	*	59	46	—
	Berlin	30·50	54	NE	3	c	30·45	·00	49	47	+ 2	NNE	4	o	*	c	*	59	46	—
	Wiesbaden ...	*	*	*	*	*	30·32	— ·02	54	51	+ 7	N	2	c	*	*	*	59	47	—
	Munich	30·28	50	E	3	r	30·23	— ·02	50	50	+ 3	E	5	r	*	r	*	50	46	0·24
	The Helder ...	30·51	55	ENE	2	b	30·50	+ ·08	52	50	+ 1	ENE	1	b	1	b	*	57	50	—
BELGIUM.	Brussels ...	*	*	*	*	*	30·43		48	46		NE	3	b	*	b	*	60	42	—
	Cape Gris Nez ...	30·39	53	E	3	b	30·38	?	51	50	0	E	1	m	1	b	*	61	48	—
	Paris	30·39	54	NNE	2	b	30·38	+ ·02	46	46	+ 5	N	3	b	*	b	*	64	41	—
	Brest ...	30·48	56	N	2	bc	30·50	+ ·11	53	52	— 1	Z	0	c	2	bc	*	61	48	—
	Lorient	30·37	59	WNW	2	bc	30·49	+ ·13	54	53	+ 1	WNW	2	?	2	bc	*	61	50	—
FRANCE &	Rochefort ...	30·35	57	NE	4	b	30·39	+ ·07	52	51	— 2	NE	5	b	*	b	*	64	50	—
	Belfort ...	30·25	45	Z	0	r	30·14	— ·12	50	49	+ 6	NE	3	o	*	r	*	52	44	0·20
	Lyons ...	30·21	50	N	3	r	30·13	— ·14	50	48	+ 4	NNW	2	m	*	r	*	59	46	—
	Nice	29·96	55	NE	2	b	29·97	— ·06	55	49	— 5	Z	0	c	3	b	*	70	50	0·28
	Perpignan ...	30·02	58	NW	4	bc	30·15	— ·11	54	48	— 4	NW	4	o	*	bc	*	67	50	—
	Biarritz ...	30·29	61	N	4	c	30·32	+ ·02	50	48	— 4	ENE	3	b	3	c	*	63	48	0·16
PENINSULA.	Corunna ...																*			
	Lisbon	30·15	70	NNE	4	b	30·21	+ ·05	63	?	— 8	NE	6	b	*	b	*	86	63	—
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

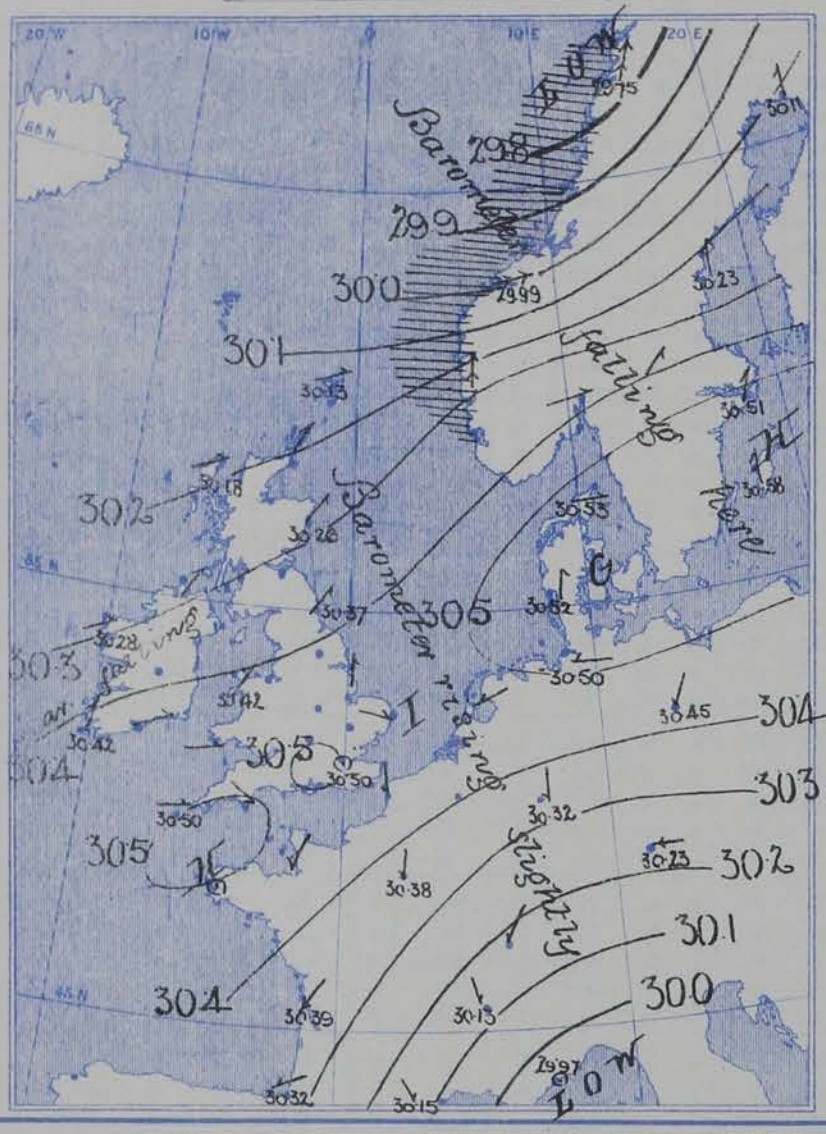
Bright Sunshine yesterday Southport 5·5 hrs; Eastbourne 8·6 hrs; Hastings 7·6 hrs; Brighton 7·8 hrs.

WEATHER CHARTS

FOR THURSDAY, 1st OCTOBER, 1896.

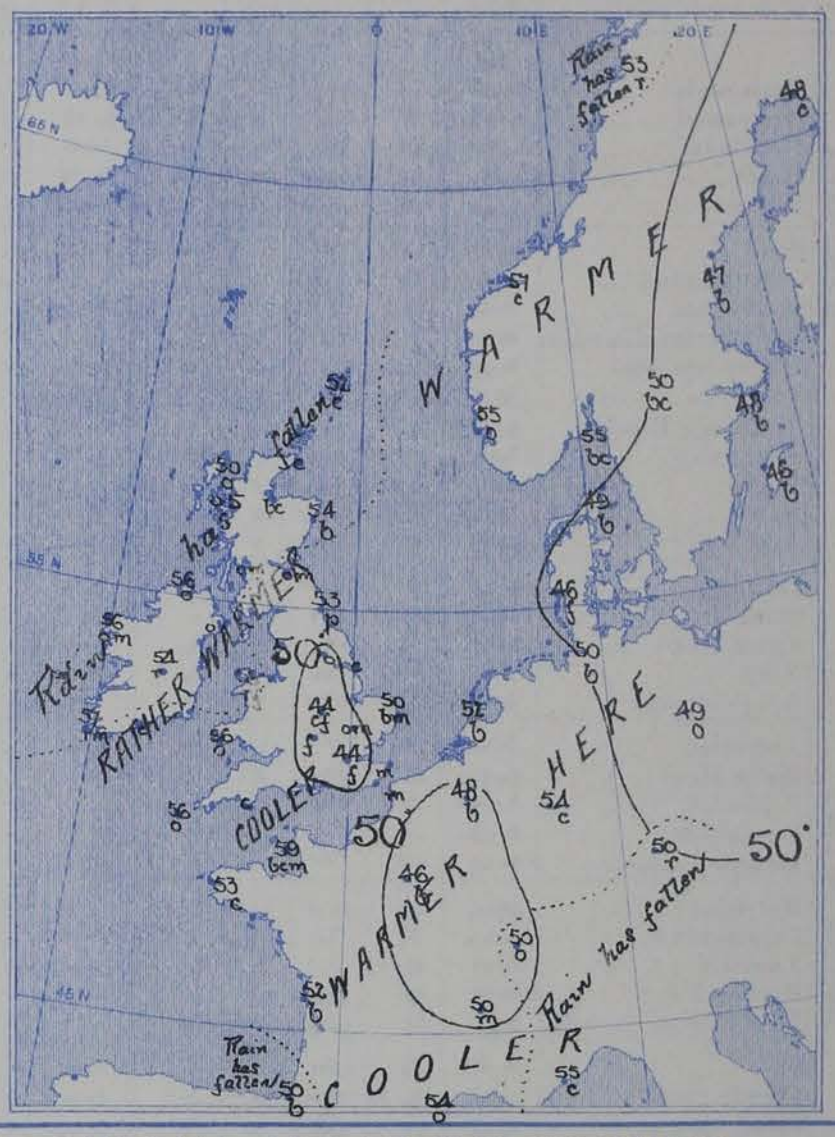
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ▒ : *High* ▓



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	26*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·862	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.5 ins. and more to 30.4 ins. in a rather complex high-pressure band stretching from the Atlantic across the southern parts of our Islands the N. of France and the Netherlands to Germany and the Baltic.

Lowest. Below 29.8 ins. over Finmark, and below 29.9 ins. over the Riviera.

Gradients moderate both over the most N^rn and the most S^rn parts of our area slight within the zone of high pressure mentioned above. Barometer falling again in Ireland and the fall is spreading E^wds.

TEMPERATURE

Highest 59° at Jersey, 57° at Valencia (Ireland), 56° at Scilly.

Lowest 44° to 46° over the inland parts of England; 46° at Paris, 49° at Berlin.

The maxima recorded yesterday exceeded 60° in many places, and touched 67° at Loughborough, 64° at York and Paris, 70° at Nice.

WIND

SW^ly and moderate over all the western and northern parts of the Kingdom, NE^ly over Holland, the English Channel and France; calm over the greater part of England and the North Sea.

WEATHER

Fine and bright over France on the one hand and the NE. and E. of Scotland on the other; foggy or hazy over England, showery over Ireland and the Irish Sea.

Rain had fallen at the Irish and Scotch stations generally, as well as in some parts of Germany and the south of France. Bright Sunshine recorded yesterday was — at Scilly 9.6 hrs, at Pembroke 9.0 hrs, at Eastbourne 8.6 hrs, Brighton 7.8 hrs, Hastings 7.6 hrs, Southport 5.5 hrs, London 1.4 hrs.

SEA

Rather rough in the far north, moderate at Valencia, slight to very smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The SW^ly current of wind seems to be spreading eastwards and southwards, and is likely to increase in force over Ireland and Scotland.

FORECASTS

For the 24 hours ending at NOON on 2nd October 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	SW^ly breezes, freshening; some showers.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Calms and variable airs; fair as a whole, but with humid fogs at times
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos. 0 to 2.
8 ENGLAND S.W.	Same as Nos. 3 to 5.
9 IRELAND NORTH 10 IRELAND SOUTH	SW^ly and S^ly winds, freshening; showery.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·47	55	51	S	7	o	5
Sumburgh Head	30·13	52	50	SSW	4	o	3
Stornoway	30·07	55	54	SSW	7	o	7
Aberdeen	30·29	56	51	SW	3	bc	2
Shields	30·30	57	54	E	1	c	2
Ardrossan	30·36	55	55	S	4	o	3
Malin Head ...	30·29	55	53	WSW	4	o	2
Belmullet	30·30	57	53	WSW	5	o	*
Holyhead	30·47	58	52	SW	2	bc	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·48	58	55	SSW	3	o	4
Scilly	30·48	57	53	N	3	bc	3
Jersey	30·44	61	58	N	4	c	3
Hurst Castle ...	30·44	63	57	NNE	1	bcm	2
Dungeness ...	30·42	60	56	ENE	1	b	1
North Foreland	30·46	60	54	E	2	bc	2
London (Westminster)	30·44	62	54	NE	2	bc	*
Yarmouth ...	30·44	60	55	E	1	b	2
Rochefort ...	30·36	61	59	NE	3	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over Spain, France and many parts of our Islands, as well as over Denmark, the Baltic and the Gulf of Bothnia, but hazy or foggy in several localities; cloudy or overcast at the extreme western and northwestern stations, as well as over the southern parts of France. Rain later over Ireland, Scotland and at Bodö, as well as in several parts of southern Europe; weather fair over England generally, but very hazy.

Temperature fallen temporarily over our inland districts, as well as over Finland and the north of Russia. Morning readings highest 72° at Algiers, 68° at Malta, 67° at Brindisi and Palma, 59° at Jersey, 55° at Valencia and Belmullet. Lowest (1) ? 38° at Hernösand, 46° at Stockholm; (2) 42° at York and Loughborough; (3) 41° at Paris, 42° at Limoges, 44° at Belfort. Rising later to between 60° and 67° over central England, to 64° at Paris, and 70° at Nice.

Wind S. ¼ to SW. ¼, and moderate, over Scotland, Scandinavia and England, E. ¼ to NE. ¼ (light and variable) over central Europe, France and Spain; very light and variable (calm in several localities) over England and the southern shores of the Baltic. The SW. ¼ wind in the north freshening later, and beginning to spread southwards over Ireland. Calms still holding over England.

Barometer Highest 30·5 ins. and more over the south of Sweden, and exceeding 30·3 ins. in a broad but complex high-pressure area stretching from the Atlantic across France, the North Sea, the Baltic and N. Germany to Russia. Lowest 30·1 ins. and less over Lapland on the one hand and over Italy, the E.rn half of the Mediterranean and southeastern Europe on the other. Falling rather decidedly over N.rn Europe later, rising over England and France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Friday 2nd OCTOBER, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30·02	49	SW	2	0	29·85	−·26	48	47	0	SW	2	0	*	0	*	52	43	—
	Hernösand ...	30·12	48	7	0	0	29·95	−·28	47	45	0	SW	4	c	*	0	*	54	37	—
	Stockholm ...	30·37	47	7	0	b	30·22	−·29	49	47	+1	SW	2	c	*	b	*	59	41	—
	Wisby	30·44	45	NW	4	b	30·29	−·29	46	46	0	SSW	4	b	*	b	*	57	39	—
	Karlstad ...	30·31	53	SW	4	0	30·14	−·34	52	51	+2	SSW	6	bc	*	0	*	*	*	—
	Bodö	29·84	49	SW	8	0	29·52	−·23	45	44	−8	SSW	4	r	3	0	*	54	45	0·47
	Christiansund ...	30·04	52	WSW	9	0	29·67	−·32	54	52	−3	W	9	r	6	0	*	57	50	—
	Skudesnaes ...	30·26	54	SSW	6	r	30·06	−·30	54	53	−1	S	7	rf	5	rf	*	55	48	*
	Færder (Christiania Fjord)	30·32	55	WSW	5	0	30·12	−·34	55	53	0	WSW	4	c	3	0	*	55	54	—
	Skagen (The Scaw)	30·35	51	WSW	3	0	30·23	−·30	50	46	+1	WSW	3	0	0	0	*	59	48	—
	Fanö	30·37	49	7	0	b	30·23	−·29	46	45	0	SE	1	f	*	b	*	61	45	—
	Sumburgh Head	30·05	51	WSW	2	0	29·74	−·39	52	50	0	WSW	3	0	4	0	*	55	48	—
	Stornoway ...	30·06	52	W	3	0	29·80	−·38	52	52	+2	W	4	r	4	0	4·3	55	47	—
	Wick	30·09	59	NW	2	bc	29·87	−·40	54	53	+4	NW	3	c	1	bc	*	63	42	—
	Nairn	30·06	58	WSW	2	c	29·83	−·38	55	53	−2	W	1	bc	1	c	*	65	52	—
	Aberdeen ...	30·13	57	SW	2	bc	29·88	−·38	58	55	+4	SSW	3	bcw	2	b, bc	8·4	64	53	0·10
BRITISH ISLANDS	Leith	30·19	53	7	0	0	29·94	−·38	57	56	+1	WSW	1	om	*	0	*	65	52	—
	Shields	30·25	57	SSW	2	0	30·00	−·37	55	54	+2	SW	3	0	2	r, 0	*	58	50	0·05
	Spurn Head ...	30·31	55	S	2	0	30·09	−·35	54	54	+2	S	2	0	3	0	*	57	50	—
	York	30·32	55	S	1	od	30·08	−·38	52	52	+4	S	1	f	*	od	0·0	56	46	0·02
	Loughborough ...	30·36	53	WSW	1	r	30·14	−·34	54	53	+10	SSW	1	om	*	om, org	*	59	44	0·04
	Ardrossan ...	30·19	55	S	3	0	29·94	−·36	56	56	+1	SSW	3	om	3	0	*	56	54	0·01
	Malin Head ...	30·15	57	S	1	0	29·94	−·33	54	54	−2	SW	3	om	2	r, 0	*	60	54	0·05
	Belmullet ...	30·18	55	SW	2	om	30·01	−·27	55	55	−1	SW	1	o	*	o, om	*	57	55	0·05
	Donaghadee ...	30·22	56	SW	3	0	30·01	−·34	57	57	+3	WSW	2	o	0	o	*	58	53	0·02
	Liverpool (Bidston)	30·31	54	SSE	1	of	30·07	−·37	57	54	+6	SSE	1	c	1	of	*	57	51	0·05
	Holyhead ...	30·28	56	SSW	4	ogm	30·07	−·35	56	56	0	SSW	3	f	2	gfd, ogm	*	57	54	0·13
	Parsonstown ...	30·25	58	7	0	0	30·05	−·33	57	56	+3	W	1	od	*	orm	0·0	59	54	0·14
	Valencia ...	30·28	58	SSW	2	rm	30·10	−·32	57	57	0	WSW	2	rf	3	dm, rm	0·0	58	55	0·53
	Roche's Point ...	30·32	56	WSW	2	r	30·09	−·37	57	56	+2	S	1	bc	3	d, f	*	58	54	0·04
	Pembroke (St. Ann's Hd.)	30·34	56	WSW	4	0	30·09	−·38	57	57	+1	SW	3	rm	4	0	0·0	58	54	0·15
	Scilly	30·39	57	WSW	4	d	30·13	−·37	58	58	+2	WSW	4	rm	2	o, d	0·0	59	55	0·12
	Prawle Point ...	30·40	54	WNW	2	0	30·20	−·31	55	54	+3	SSW	3	rmw	2	op	*	60	45	0·05
	Jersey (St. Aubin's)	30·40	59	NW	1	cgm	30·23	−·26	56	54	−2	WNW	2	om	2	o, cgm	*	63	53	0·01
	Hurst Castle ...	30·38	57	WSW	1	og	30·20	−·29	58	56	+6	SW	1	cw	1	om, og, p	*	60	52	0·01
	Dungeness ...	30·34	56	NE	2	c	30·18	−·26	50	49	+1	NNW	1	m	1	bc, c	*	61	48	—
	North Foreland	30·36	55	NE	2	b	30·19	−·28	55	51	−4	W	1	c	1	b	*	60	50	—
	London (Brixton) ...	30·37	52	NW	1	om	30·18	−·32	52	51	+8	SW	1	c	*	omg, bc	0·0	57	49	—
	Oxford	30·34	54	SW	1	r	30·18	−·32	54	53	+8	SW	1	od	*	c, r	*	58	45	0·01
	Cambridge ...	30·37	55	S	1	om	30·16	−·33	52	51	+3	S	1	bcmw	*	om	0·9	60	47	—
	Yarmouth ...	30·35	57	ENE	2	bc	30·18	−·29	52	50	+2	S	1	b	2	bc	*	59	48	—
GERMANY & HOLLAND	Cuxhaven ...	30·37	54	ENE	1	b	30·20	−·30	47	47	−3	7	0	f	*	b	*	55	46	—
	Berlin	30·34	56	NE	4	0	30·22	−·29	53	52	+4	NE	2	0	*	0	*	59	49	—
	Wiesbaden ...	*	*	*	*	*	30·17	−·15	55	53	+1	7	0	c	*	*	*	61	54	—
	Munich... ..	30·48	50	NE	5	b	30·12	−·11	48	47	−2	NE	4	0	*	b	*	54	46	—
	The Helder ...	30·35	54	NE	1	b	30·19	−·31	48	46	−4	E	1	m	1	b	*	55	46	—
BELGIUM	Brussels ...	*	*	*	*	*	30·21	−·22	49	48	+1	7	0	f	*	b	*	61	43	—
	Cape Gris Nez.	30·30	56	ENE	3	bc	30·13	−·25	53	51	+2	E	1	b	1	bc	*	59	48	—
	Paris	30·28	55	N	2	b	30·20	−·18	49	45	+3	N	1	o	*	b	*	62	44	—
	Brest	30·43	60	WSW	2	c	30·26	−·24	57	55	+4	SW	2	c	2	c	*	59	50	0·04
	Lorient.	30·50	55	NNW	3	bc	30·27	−·22	55	54	+1	NNW	2	c	2	bc	*	61	48	—
FRANCE &	Rochefort ...	30·30	57	NNE	2	b	30·24	−·15	52	51	0	NNE	4	b	5	b	*	66	50	—
	Belfort	30·12	52	ENE	3	0	30·04	−·10	51	50	+1	ENE	2	o	*	o	*	55	50	—
	Lyons	30·15	51	NNW	2	r	30·05	−·08	53	52	+3	N	2	m	*	r	*	55	50	0·04
	Nice	30·01	55	7	0	c	29·88	−·09	57	57	+2	E	4	r	3	c	*	61	50	1·46
	Perpignan ...	30·14	53	NW	5	r	30·02	−·12	57	52	+3	NW	3	c	*	r	*	57	50	0·35
	Biarritz ...	30·30	61	NNW	6	0	30·19	−·13	55	52	+5	ENE	3	o	3	o	*	63	55	—
PENINSULA	Corunna ...	30·63	64	NE	2	bc	30·36	−·08	57	54	−3	NE	1	o	2	bc	*	66	50	—
	Lisbon	30·16	66	NNE	4	b	30·16	−·05	64	50	+1	NE	5	bc	*	b	*	77	61	—
	Azores (P. Delgada)	30·39	69	E	4	c	30·39	+·02	69	63	0	ENE	3	bc	4	c	*	73	64	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0·0 hrs; Eastbourne 8·5 hrs; Hastings 8·5 hrs; Brighton 6·8 hrs.

WEATHER CHARTS

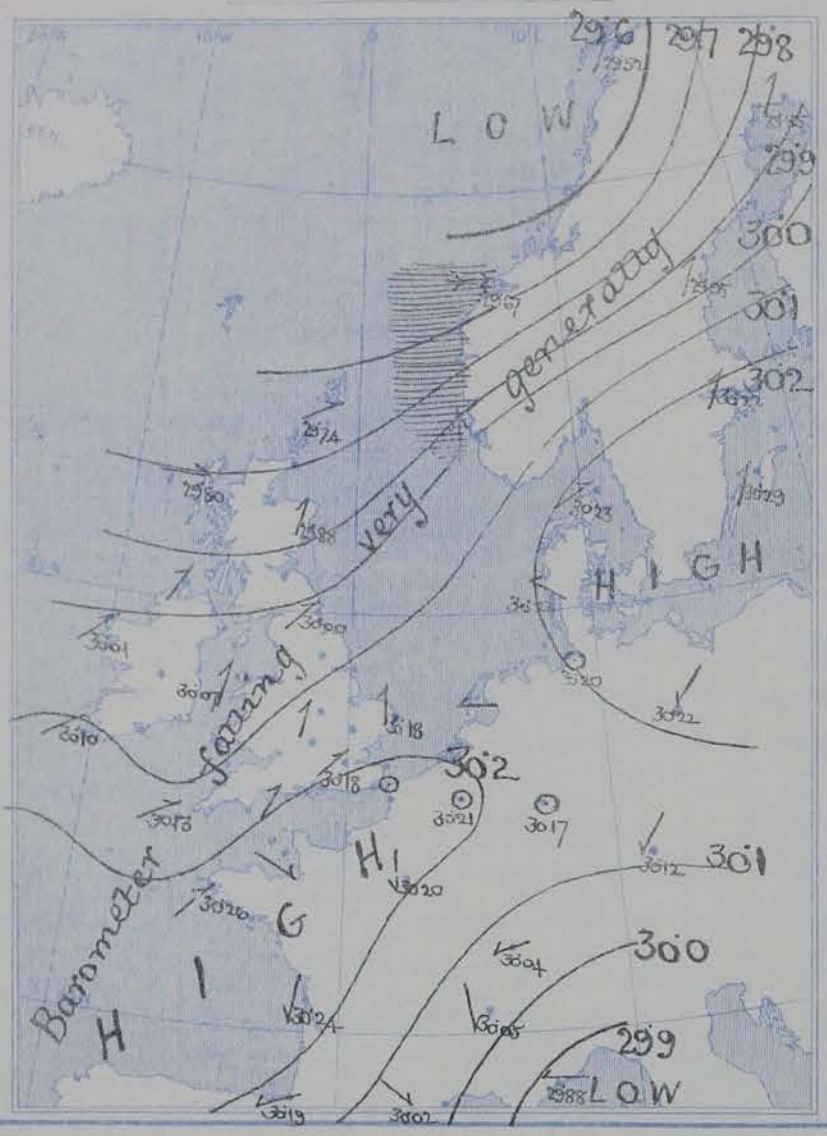
FOR Friday, 2nd October, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 ; *Force 8 to 10* ; *Force 5 to 7* ; *Force 1 to 4* ; Calm ⊙

SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·0	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·0	54·6	40·5	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·79	127·1	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·0	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and more (1) over the Baltic and Germany, and (2) over Brittany and the Bay of Biscay, and exceeding 30.0 ins. almost all over France, Ireland, England & the North Sea.
Lowest. Below 29.6 ins. over the NW. of Norway, and below 29.9 ins. over the Gulf of Genoa.
Gradients rather steep over Norway, moderate over Scotland, slight over the more S^rn districts.
Barometer falling generally, and unsteadily.

TEMPERATURE

Highest 64° at Lisbon, 58° at Scilly and at Aberdeen, 57° at Valencia (Ireland) and Pembroke, as well as at Perpignan and Nice.
Lowest 45° at Bodö, 47° at Hernosand; 52° at York.
The maxima recorded yesterday ranged from 65° to 60° over the major part of Gt. Britain, the highest of all being 65° at Nairn and Leith.

WIND

(1) W^ly at our N^rn stations, and W^ly to S^ly on the Norwegian coasts – the force being strong in the latter districts (2) Light from the SW^wd and S^wd over England, and very variable over Ireland and France.

WEATHER

Fair over Sweden, the eastern parts of England and at some of the French stations. Cloudy or overcast elsewhere, with rain on many parts of our W. and SW. coasts, fog at Holyhead, mist in the southwest.
Some rain has fallen over all the W^rn parts of the Kingdom, heavily at Valencia, an inch and a half of rain has fallen at Nice. Bright Sunshine recorded yesterday was – none at the W^rn stations or in London, but 6.8 hrs. at Brighton and about 8½ hrs at Aberdeen, Hastings & Eastbourne.

SEA

Smooth or nearly so on all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A small V shaped disturbance is advancing eastwards over our Islands, and is likely to cause some rain in all parts of England.

FORECASTS

For the 24 hours ending at NOON on 3rd. OCTOBER 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W^ly breezes, moderate, rain at times	6 SCOTLAND WEST	Same as N°s. 3 to 5.
1 SCOTLAND EAST	SW^ly and W^ly breezes, changeable, some showers.	7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	Varying W^ly to NW^ly breezes, changeable, showery.
3 ENGLAND EAST	SW^ly to NW^ly winds, changeable weather, some rain.	9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·35	51	53	SSW	6	r	5
Sumburgh Head	30·12	53	50	WSW	3	o	4
Stornoway	30·14	55	53	W	4	o	4
Aberdeen	30·18	64	59	SSW	2	b	1
Shields	30·31	57	55	SSW	3	o	2
Ardrossan	30·24	56	56	S	9	o	3
Malin Head ...	30·20	58	57	SSE	1	o	0
Belmullet	30·22	57	57	SW	1	o	*
Holyhead	30·35	56	55	SSW	3	ogdf	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·35	58	58	SW	3	odmr	4
Scilly	30·44	58	56	W	4	o	2
Jersey	30·42	62	57	NNW	2	o	2
Hurst Castle ...	30·41	60	56	2	0	cmr	1
Dungeness ...	30·36	61	56	ENE	2	bc	2
North Foreland	30·40	60	53	NNE	2	b	2
London (Westminster)	30·40	57	53	2	0	gmr	*
Yarmouth ...	30·40	58	55	ENE	2	b	2
Rochefort ...	30·33	65	60	NE	5	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the Baltic and Sweden, as well as in the E. of Scotland, on the Portuguese coast, and in the S. of Spain; very foggy or misty over the English Channel and England, and rainy at many of our W^m stations, and at Turin. Some rain later over all the W^m parts of the British Isles (0.5 inch at Valencia); and much rain in the Riviera. Misty weather continuing over England.

Temperature continuing rather low over England, rising decidedly over Scandinavia. Morning readings highest 70° at Patras, Brindisi and Malta, and exceeding 60° at most of the Mediterranean and Portuguese stations. Lowest (1) 41° at Archangel, 43° at Kuopio, 44° at Moscow; (2) 44° at Loughborough and in London, 45° at Le Mans, 46° at Paris and Limoges. Rising later to between 63° and 65° over the N^n half of Gt. Britain to 66° at Prawle P^t and Hurst Castle, 62° at Paris, and 63° at Biarritz; succeeding night mild over England generally.

Wind (1) SW^ly over the W^n and N^n parts of the British Islands and the whole of N^n Europe, (2) N^ly to E^ly over all the central and S^n countries (3) calm over England, and nearly so over Denmark and the S. of Sweden. The SW^ly wind blowing a gale over the W. of Norway, but of little strength over Scotland and Ireland.

Barometer highest 30.6 ins. at Hangö, and varying between that value and 30.3 ins in a broad band spreading from Russia across the Baltic, N. Germany, the Nord Sea, France, England and Ireland to the Atlantic. Lowest below 29.8 ins. over Finmark and the N.W. of Norway, and below 30.0 ins. over many parts of Italy and the Mediterranean. Falling decidedly but irregularly over the United Kingdom later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday 3 October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 8.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.58	48	SW	4	b	29.32	-.53	48	46	0	SW	6	0	*	b	*	50	43	.
	Hernösand ...	29.63	51	S	6	bc	29.28	-.67	46	45	-1	S	8	r	*	bc	*	59	37	0.12
	Stockholm ...	29.97	48	SW	2	b	29.55	-.67	52	50	+3	S	6	c	*	b	*	57	43	.
	Wisby	30.07	46	SSW	4	b	29.70	-.59	53	50	+1	SW	8	c	*	b	*	53	41	.
	Karlstad	29.88	51	SW	8	0	29.35	-.79	52	51	0	SW	8	r	*	o, r	*	*	*	0.08
	Bodo	29.30	48	SW	1	r	28.62	-.90	48	45	+3	SW	5	0	3	r	*	50	45	0.24
	Christiansund ...	29.33	52	WNW	2	r	29.17	-.50	43	41	-11	NSW	9	r	5	r	*	54	43	2.56
	Skudesnaes ...	29.55	55	SSW	9	r	29.47	-.59	48	45	-6	NNW	9	r	6	rf	*	55	45	*
	Færder (Christiania Fjord)	29.83	55	S	1	0	29.35	-.77	54	51	-1	NSW	8	0	5	0	*	55	54	0.08
	Skagen (The Scaw)	29.86	51	SW	3	c	29.52	-.71	49	48	-1	NNW	5	r	2	c	*	55	49	0.12
	Fanö	29.93	52	SW	4	b	29.69	-.54	55	54	+9	N	4	0	*	b	*	57	46	0.08
	Sumburgh Head	29.44	51	NSW	4	r	29.60	-.14	44	41	-8	NNW	5	c	5	r	*	52	43	0.22
	Stornoway ...	29.64	52	W	5	r	29.78	-.02	42	42	-10	W	3	bc	3	o, p	0.0	53	39	0.14
	Wick	29.58	49	W	6	0	29.74	-.07	45	44	-9	W	2	bc	2	o	*	55	39	0.05
	Nairn	29.65	55	NSW	4	c	29.79	-.04	46	46	-9	W	0	b	1	c	*	58	42	.
	Aberdeen ...	29.69	56	SW	2	c	29.82	-.06	48	43	-10	W	3	bc	2	c	4.0	64	42	.
BRITISH ISLANDS.	Leith	29.78	53	W	4	c	29.84	-.10	50	47	-7	NSW	3	bcm	*	c	*	62	46	.
	Shields	29.84	60	SW	2	c	29.88	-.12	54	50	-1	W	3	c	2	cp	*	63	50	.
	Spurn Head ...	29.92	57	SSW	4	0	29.88	-.21	56	55	+2	NNW	3	c	3	o, p	*	59	54	0.01
	York	29.93	61	NSW	1	0	29.90	-.18	55	52	+3	W	2	c	*	o	0.5	63	51	0.01
	Loughborough ...	30.00	58	SW	3	0	29.96	-.18	55	53	+1	W	1	ow	*	om, c, o	*	59	54	.
	Ardrossan ...	29.83	55	SW	3	c	29.86	-.08	52	51	-4	W	3	c	2	c	*	59	50	0.01
	Malin Head ...	29.87	53	NSW	3	om	29.88	-.06	51	49	-3	S	1	0	0	o, om	*	59	49	0.09
	Belmullet ...	29.98	55	NNW	3	c	29.93	-.08	54	53	-1	NNW	1	om	*	om, o	*	58	53	.
	Donaghadee ...	29.93	59	NNW	3	c	29.93	-.08	53	52	-4	NNW	3	c	1	c	*	65	51	0.01
	Liverpool (Bidston)	29.95	59	NSW	1	bc	29.94	-.13	54	52	-3	W	2	0	2	bc	*	63	52	0.01
	Holyhead ...	29.96	57	S	2	f	29.96	-.11	54	52	-2	NW	2	0	1	o g f	*	59	52	.
	Parsonstown ...	29.99	58	S	0	0	29.97	-.08	53	52	-4	S	0	0	*	o m, o	0.0	61	50	.
	Valencia ...	30.07	57	NSW	1	om	29.99	-.11	56	56	-1	NSW	1	om	3	om	0.0	58	54	0.09
	Roche's Point ...	30.02	59	NW	2	c	30.00	-.09	55	54	-2	S	1	0	2	o	*	60	50	.
	Pembroke (St. Ann's Hd.)	30.02	56	W	3	0	29.97	-.12	53	52	-4	N	2	b	3	0	0.0	58	52	.
	Scilly	30.04	58	NNW	3	om	30.01	-.12	57	57	-1	NNW	3	m	2	om	0.0	59	55	0.16
	Prawle Point ...	30.03	56	SSW	3	f	30.01	-.19	55	54	0	NNW	2	bc	1	o f d	*	57	46	0.02
	Jersey (St. Aubin's)	30.09	59	SW	2	cv	30.02	-.21	59	58	+3	NSW	3	o g	3	bc, ov, p	*	64	55	0.04
	Hurst Castle ...	30.07	59	SW	3	ou	29.99	-.21	58	57	0	NNW	1	cm	1	bc, up	*	63	57	0.03
	Dungeness ...	30.05	58	NSW	3	b	29.96	-.22	59	58	+9	NSW	3	r	2	c, b	*	64	50	0.01
	North Foreland	30.06	58	S	2	c	29.93	-.21	58	56	+3	SW	2	0	1	o, c	*	61	54	.
	London (Brixton) ...	30.05	58	SW	2	c	29.96	-.22	58	57	+6	SSW	1	0	*	o, r	0.1	61	51	0.03
	Oxford	30.02	56	SSW	2	0	29.96	-.22	56	55	+2	NSW	3	0	*	o g p d	*	60	54	.
	Cambridge ...	30.03	58	SW	1	0	29.96	-.20	57	56	+5	SW	1	om	*	o	0.3	60	50	.
	Yarmouth ...	30.01	58	NSW	2	bc	29.99	-.19	57	55	+5	W	3	bcm	2	bc	*	61	50	.
GERMANY & HOLLAND.	Cuxhaven ...	30.04	55	SW	1	b	29.80	-.40	52	52	+5	SW	4	0	*	b	*	57	47	.
	Berlin	30.08	53	SE	2	0	29.97	-.25	48	47	-5	SW	4	b	*	0	*	57	46	.
	Wiesbaden ...	*	*	*	*	*	30.04	-.13	51	48	-4	S	0	0	*	*	*	63	45	.
	Munich	30.07	52	S	0	0	30.05	-.07	51	50	+3	SW	1	0	*	0	*	54	48	.
	The Helder ...	30.02	53	NSW	1	b	29.87	-.32	58	56	+10	SW	2	0	1	b	*	58	46	.
BELGIUM.	Brussels ...	*	*	*	*	*	30.04	-.17	50	49	+1	SW	1	f	*	0	*	57	44	.
	Cape Gris Nez ...	30.02	56	W	3	bc	29.93	-.20	58	55	+5	W	3	0	3	bc	*	61	53	.
	Paris	30.11	51	NE	2	b	30.08	-.12	43	43	-6	S	0	f	*	b	*	61	41	.
	Brest	30.08	57	NW	2	m	30.03	-.23	56	56	-1	N	1	0	2	m	*	59	52	0.12
	Lorient	30.10	54	SSW	4	0	30.00	-.27	55	54	0	NNW	2	0	2	0	*	59	52	.
FRANCE &	Rochefort ...	30.15	61	NW	4	c	30.08	-.16	53	53	+1	SE	3	c	*	b, c	*	64	50	.
	Belfort	29.99	53	ENE	2	0	30.03	-.01	?	?	?	S	0	m	*	0	*	56	42	.
	Lyons	30.01	55	N	2	m	30.04	-.01	53	50	0	NW	1	0	*	m	*	59	52	.
	Nice	29.89	56	S	0	0	29.91	+.03	57	55	0	S	0	c	2	0	*	57	52	?3.08
	Perpignan ...	30.01	56	NW	3	r	30.03	+.01	57	51	0	NW	3	0	*	r	*	58	55	0.12
	Biarritz ...																*			
PENINSULA.	Corunna ...																*			
	Lisbon	30.10	64	NNE	5	b	30.08	-.08	66	54	+2	NE	3	b	*	b	*	77	61	.
	Azores (P. Delgada)	30.39	68	ENE	4	c	30.36	-.03	66	62	-3	NE	3	0	2	c	*	75	64	. .

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0.1 hrs; Eastbourne 4.2 hrs; Hastings 7.8 hrs, Brighton 6.3 hrs.

WEATHER CHARTS

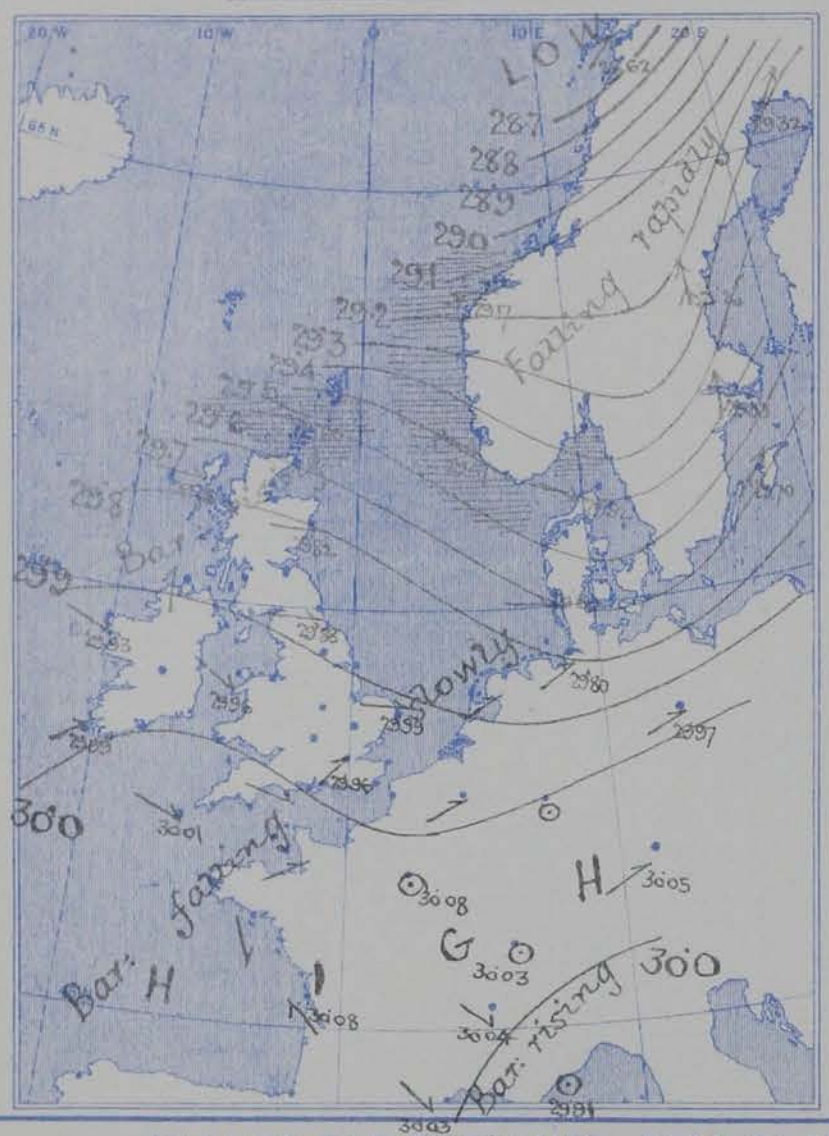
FOR Saturday, 3rd October, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙

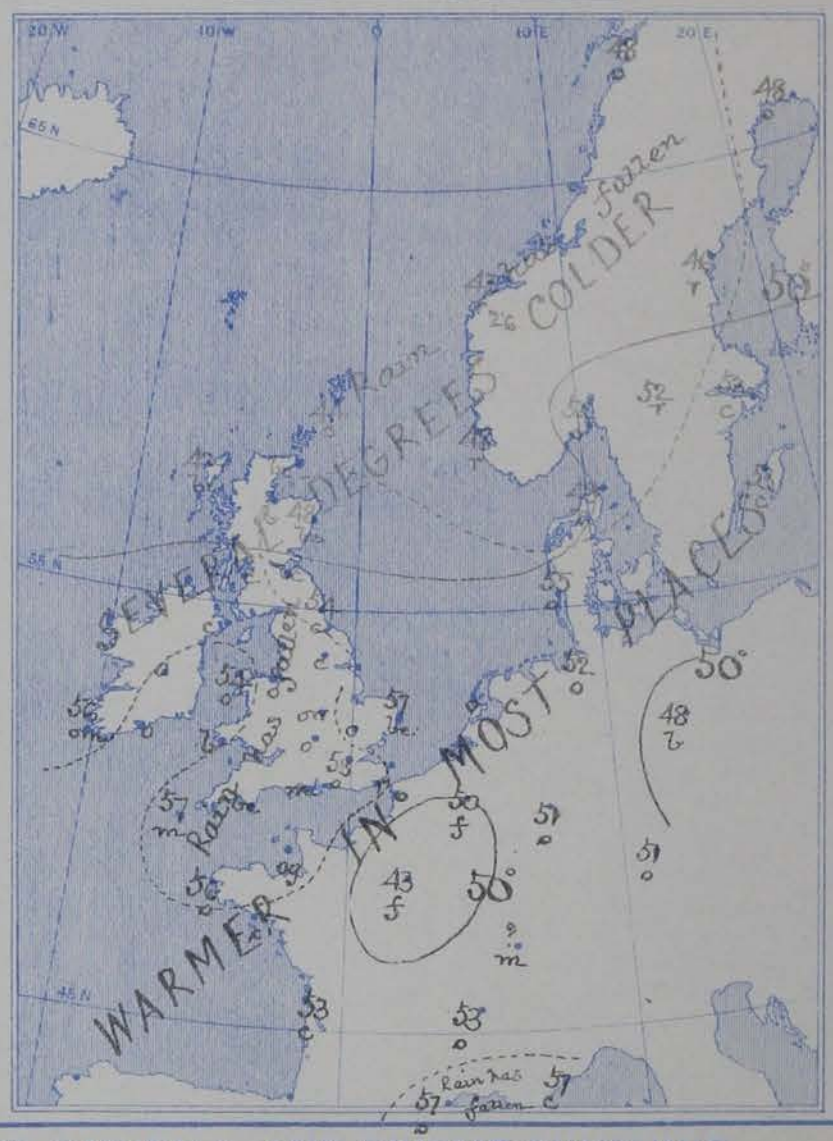
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·870	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 300 mm and more over the Bay of Biscay, Spain, France, South Germany, and over our southwest coasts
Lowest, Below 287 mm over Finmark and the northwest of Norway; 293 mm over the Shetlands.
Gradients slight in our Islands and France, very steep over the north of Norway, rather steep over the south of Sweden.
Barometer falling everywhere, rapidly over Scandinavia

TEMPERATURE

Highest, 59° at Jersey and Guernsey, 58° in London, and about 50° over the whole of Ireland and England
Lowest, (1) 42° at Stromsoy, 43° at Christiansund, 46° at Namsos and Hernösand; (2) 43° at Paris, 48° at Berlin, 50° at Brussels.
It has risen decidedly over the east and south of England during the night, and the air has become very humid

WIND

(1) W^3 to S^3 at the Scandinavian stations, and strong to a strong gale in force
(2) S^3 to W^3 and variable over our Islands, moderate to very light in force
(3) Extremely light and variable over France.
The gale in the far north has sprung up very suddenly during the night.

WEATHER

Dull and very rainy in Norway and Sweden, fair to overcast in our Islands, dull over France
Heavy rain has fallen in some parts of Norway (2 mm at Christiansund), and slight showers locally in several parts of our Islands.
Bright Sunshine recorded yesterday was none at the most western stations and in London, but 4·7 hrs at Aberdeen, 4·2 hrs at Eastbourne, 6·3 hrs at Brighton, and 7·8 hrs at Hastings.

SEA

Rough on the coast of Norway, smooth on our coasts generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Scandinavia is not likely to affect our weather much, but there are some indications of disturbance approaching Ireland from the westward which would cause much rain in these Islands, and perhaps strong S^3 and SW^3 winds.

FORECASTS

For the 24 hours ending at NOON on 4TH OCTR 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W^2 and S^2 winds, increasing in force, with rain.
1 SCOTLAND EAST	W^2 and SW^2 winds; weather very changeable, rain at times
2 ENGLAND N.E.	
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Wind backing to S^2, unsettled, squally, rain at times
7 ENGLAND N.W.	
8 ENGLAND S.W.	
9 IRELAND NORTH	
10 IRELAND SOUTH	
WARNINGS	NONE ISSUED AT PRESENT.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.91	55	53	S	9	o	5
Sumburgh Head	29.58	51	50	WSW	5	r	4
Stornoway	29.68	53	52	W	5	o	5
Aberdeen	29.72	61	56	SW	3	c	2
Shields	29.88	61	58	SW	3	c	2
Ardrossan	29.87	57	56	SW	3	c	2
Malin Head ...	29.89	59	56	W	3	o	2
Belmullet	29.97	57	56	WNW	1	o m	3*
Holyhead	30.00	58	57	SSW	4	o g f	

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30.07	57	57	WSW	2	o m	4
Scilly	30.06	58	58	WNW	4	m	2
Jersey	30.16	60	56	WNW	2	b c	2
Hurst Castle ...	30.10	63	58	SSW	3	b c	2
Dungeness ...	30.08	60	56	WSW	3	c	2
North Foreland	30.10	60	56	W	2	o	2
London (Westminster)	30.08	61	57	SSW	2	o g	
Yarmouth ...	30.07	61	55	WSW	2	b c	2*
Rochefort ...	30.19	63	59	W	4	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over many parts of Eastern and central Europe, as well as the northern parts of France and on the extreme southeast coast of England – very cloudy elsewhere, with rain in the northwest of Norway and the Hebrides on the one hand and over the Mediterranean on the other. Heavy rain (2·6 in.) at Christiansund later, and slight falls in our Islands, but a very heavy fall (3·1 in.) reported from Nice.

Temperature highest 71° at Patras, 70° at Brindisi, and above 60° at most of the Mediterranean stations (but only 54° at Tunis); 58° at Scilly and Hurst Castle, and 54° at Malin Hd., as well as at Swinemunde and Neufahrwasser. Lowest (1) 40° to 47° over the north of Russia, 45° at Pola; (2) 45° at Le Mans, 49° at Paris, 50° at Brest. Rising later to between 65° and 60° over Great Britain, to 61° at Paris, 63° at Nieuport, 64° at Rochefort – not touching 60° at Nice.

Wind (1) W to S over all the northwestern and northern countries, moderate in force generally, but a gale at Christiansund; (2) E to NE in the south and southeast of Europe, N over Tunis; (3) very light and variable to calm over the central countries. Increasing to a gale later in several parts of Norway, remaining light in our Islands.

Barometer highest 30·3 in. and more to 30·2 in. (1) over Russia, the Baltic and North Germany; (2) over the Bay of Biscay, the north and west of France and the north of Spain. Lowest Below 29·6 in. in the northwest of Norway; below 29·8 in. in a well-marked depression near Malta, and in another over Corsica and the neighbouring parts of the Mediterranean. Falling very fast over Scandinavia and our extreme northern stations later as a well marked depression approached the north of Norway from the westward.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 4th OCTOBER, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Tempelature. Dry Bulb.	Tempelature. Wet Bulb.	Tempelature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	28.92	49	S	6	r	29.44†	− .12	42	42	− 6	W	4	r	*	r	*	52	45	0.28
	Hernösand ...	29.26	42	SW	4	b	29.56	+ .28	44	39	− 2	W	6	b	*	b	*	50	41	0.32
	Stockholm ...	29.49	46	SW	2	b	29.81	+ .26	44	41	− 8	SW	2	b	*	b	*	55	44	0.24
	Wisby	29.61	51	W	9	b	29.90	+ .20	49	46	− 4	WNW	4	b	*	b	*	54	43	0.35
	Karlstad ...	29.57	47	WSW	4	b	29.78	+ .43	44	41	− 8	2	0	b	*	b	*	*	*	—
	Bodö	28.96	45	SW	6	o	29.30	+ .68	44	?	− 4	W	7	o	3	o	*	48	41	0.39
	Christiansund ...	29.50	45	WNW	9	r	29.58	+ .41	42	40	− 1	SW	3	o	6	r	*	46	41	0.24
	Skudesnaes ...	29.78	46	NW	4	o	29.53	+ .06	48	47	0	SE	8	r	5	r, o	*	48	43	*
	Færder (Christiania Fjord)	29.63	51	WNW	6	b	29.74	+ .39	50	45	− 4	W	2	o	3	b	*	55	48	—
	Skagen (The Scaw)	29.75	49	WNW	5	bc	29.80	+ .28	51	48	+ 2	WSW	3	o	1	bc	*	55	48	0.08
	Fanö	29.88	51	W	4	o	29.74	+ .05	51	50	− 4	S	6	o	*	o	*	57	50	—
BRITISH ISLANDS.	Sumburgh Head	29.70	43	SW	1	o	29.09	− .57	48	48	+ 4	WSW	3	r	4	c, o	*	52	43	0.34
	Stornoway ...	29.55	47	SSW	5	r	29.05	− .73	44	43	+ 2	SSW	4	o	4	o, r	2.3	52	40	0.40
	Wick	29.67	47	S	1	r	29.09	− .65	45	45	0	S	2	o	2	r	*	55	41	0.25
	Nairn	29.64	47	W	3	r	29.14	− .65	45	45	− 1	2	0	o	1	r	*	55	44	0.09
	Aberdeen ...	29.75	49	S	3	o	29.17	− .65	46	45	− 2	WNW	3	o g p	4	o g	2.7	55	46	0.05
	Leith	29.77	51	SSW	1	o	29.23	− .61	49	47	− 1	W	3	o	*	o	*	58	47	0.03
	Shields	29.82	52	SE	2	r	29.28	− .60	57	56	+ 3	SSW	3	or	2	c, r	*	58	51	0.02
	Spurn Head ...	29.88	55	SSW	2	o	29.43	− .45	58	58	+ 2	S	5	o	4	r, o	*	59	54	0.02
	York	29.86	55	S	1	o	29.36	− .54	58	57	+ 3	S	2	r	*	o	1.3	63	52	0.07
	Loughborough ...	29.91	57	2	0	o	29.50	− .46	58	57	+ 3	SSW	5	o q	*	c, o g p q	*	61	54	0.05
	Ardrossan ...	29.65	54	SSE	3	o	29.26	− .60	52	51	0	SW	4	p	3	o	*	54	46	0.08
	Malin Head ...	29.62	54	SSW	3	om	29.24	− .64	48	43	− 3	W	4	b c q	3	o	*	54	45	0.22
	Belmullet ...	29.67	56	SW	2	om	29.39	− .54	47	43	− 7	W	4	b f p q	*	o	*	61	43	0.29
	Donaghadee ...	29.74	55	SW	5	o	29.34	− .59	47	46	− 8	WSW	3	o	2	o	*	56	46	0.01
	Liverpool (Bidston)	29.85	55	SE	1	o	29.37	− .57	58	55	+ 4	SW	3	c	3	o	*	58	53	0.02
	Holyhead ...	29.82	56	SSW	3	o	29.41	− .55	49	48	− 5	NW	7	o q	6	p d, o	*	58	48	0.05
	Parsonstown ...	29.76	59	SE	1	o	29.46	− .51	47	45	− 6	W	2	b	*	o, c, r	0.9	60	46	0.10
	Valencia ...	29.80	59	SSW	2	om	29.54	− .45	52	49	− 4	WSW	6	bc	6	om	0.2	59	48	0.06
	Roche's Point ..	29.83	56	SSE	3	f	29.84	− .40	51	48	− 5	WNW	4	c	3	f, p	*	57	49	0.10
	Pembroke (St. Ann's Hd.)	29.87	57	SW	3	o	29.48	− .49	56	53	+ 3	W	6	o w	5	o	5.5	60	53	0.26
	Scilly	29.92	58	SW	3	m	29.61	− .40	58	56	− 1	WSW	3	p	3	f, m	0.0	59	54	0.09
	Prawle Point ..	29.94	56	WSW	4	m	29.62	− .39	56	56	+ 1	SSW	6	r	5	m, d f	*	61	50	0.07
	Jersey (St. Aubin's)	29.90	60	WSW	3	o d p	29.75	− .27	60	59	+ 1	SSW	4	o p	3	o	*	65	58	0.05
	Hurst Castle ...	29.96	60	WSW	2	o w	29.65	− .34	60	59	+ 2	SSW	5	d	3	o r, o w	*	61	58	0.02
	Dungeness ...	29.95	59	WSW	3	o	29.68	− .28	60	58	+ 1	SW	5	c p q	4	d, o	*	61	57	0.04
	North Foreland	29.95	59	SSW	2	o	29.68	− .30	60	58	+ 2	SSW	3	o	2	o	*	62	56	0.04
	London (Brixton) ...	29.93	59	S	2	om	29.65	− .31	58	57	0	S	5	o d q	*	o	0.0	62	55	0.01
	Oxford	29.89	57	SW	2	b	29.57	− .39	59	58	+ 3	SSW	4	o d	*	c, b	*	63	55	0.04
	Cambridge ...	29.93	60	SW	1	ow	29.58	− .38	59	58	+ 2	SSW	4	o g	*	b, om	4.3	67	54	—
	Yarmouth ...	29.94	57	E	4	or	29.60	− .39	58	57	+ 1	S	4	o g q	4	r	*	60	54	0.04
GERMANY & HOLLAND.	Cuxhaven ...	29.89	52	N	1	bc	29.82	+ .02	55	55	+ 3	SSW	4	o	*	bc	*	55	48	—
	Berlin	29.97	58	SW	2	o	30.00	+ .03	55	53	+ 7	SSE	2	o	*	o	*	63	48	—
	Wiesbaden ...	*	*	*	*	*	30.00	− .04	52	51	+ 1	2	0	o	*	*	*	61	49	—
	Munich... ..	30.13	51	2	0	o	30.06	+ .01	51	50	0	E	1	o	*	o	*	54	50	—
	The Helder ...	29.95	56	2	0	o	29.72	− .15	55	54	− 3	S	1	r	1	o	*	59	54	0.12
BELGIUM.	Brussels ...	*	*	*	*	*	29.84	− .20	56	53	+ 6	SSE	3	o	*	o	*	60	49	—
	Cape Gris Nez...	29.93	58	W	1	o	29.72	− .21	58	55	0	SW	5	r	5	o	*	61	55	—
	Paris	30.04	55	SW	1	c	29.91	− .17	52	50	+ 9	S	2	o	*	c	*	59	48	—
	Brest	29.95	57	SSW	3	m	?.	?	58	57	+ 2	WSW	6	m	5	m	*	61	54	0.20
	Lorient... ...	30.00	55	NNW	3	bc	29.85	− .15	57	57	+ 2	WSW	4	bc	2	bc	*	59	52	—
FRANCE &	Rochefort ...	30.08	63	SW	2	o	29.95	− .13	61	60	+ 8	SW	4	o	*	o	*	72	53	—
	Belfort	30.04	54	E	1	m	29.99	− .04	50	49	?	2	0	m	*	m	*	60	49	—
	Lyons	30.08	55	NNE	1	m	30.04	.00	51	50	− 2	SE	1	m	*	m	*	62	47	—
	Nice	29.94	61	N	2	m	30.00	+ .09	61	57	+ 4	2	0	m	3	m	*	77	54	0.04
	Perpignan ...	30.03	61	W	2	b	30.04	+ .01	51	49	− 6	SW	1	b	*	b	*	67	48	—
	Biarritz ...																*			
PENINSULA.	Corunna ...	30.18	63	N	1	b	30.02	− .20	60	59	− 1	SW	1	o	3	o	*	63	55	—
	Lisbon	30.00	67	N	5	b	30.02	− .06	64	60	− 2	N	5	b	*	b	*	77	61	—
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0.5 hrs; Eastbourne 1.0 hrs; Hastings Amount not received; Brighton. 2.8 hrs

WEATHER CHARTS

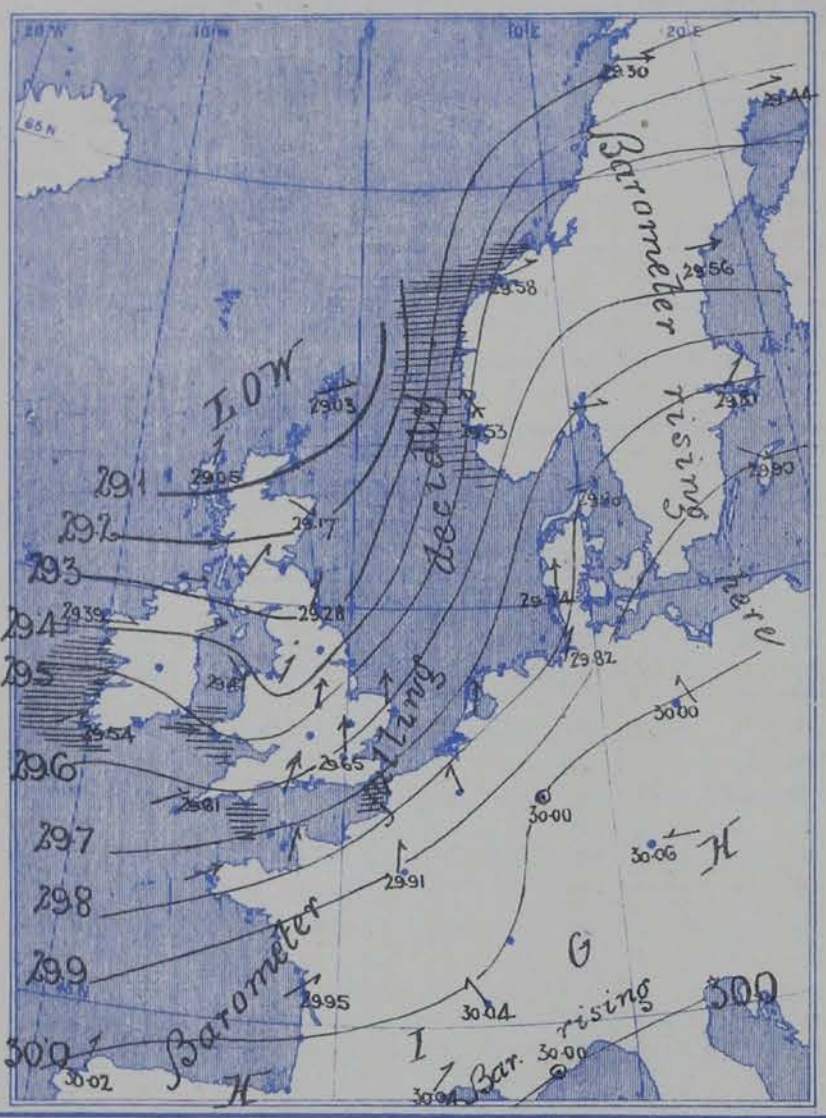
FOR Sunday, 4th October, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙

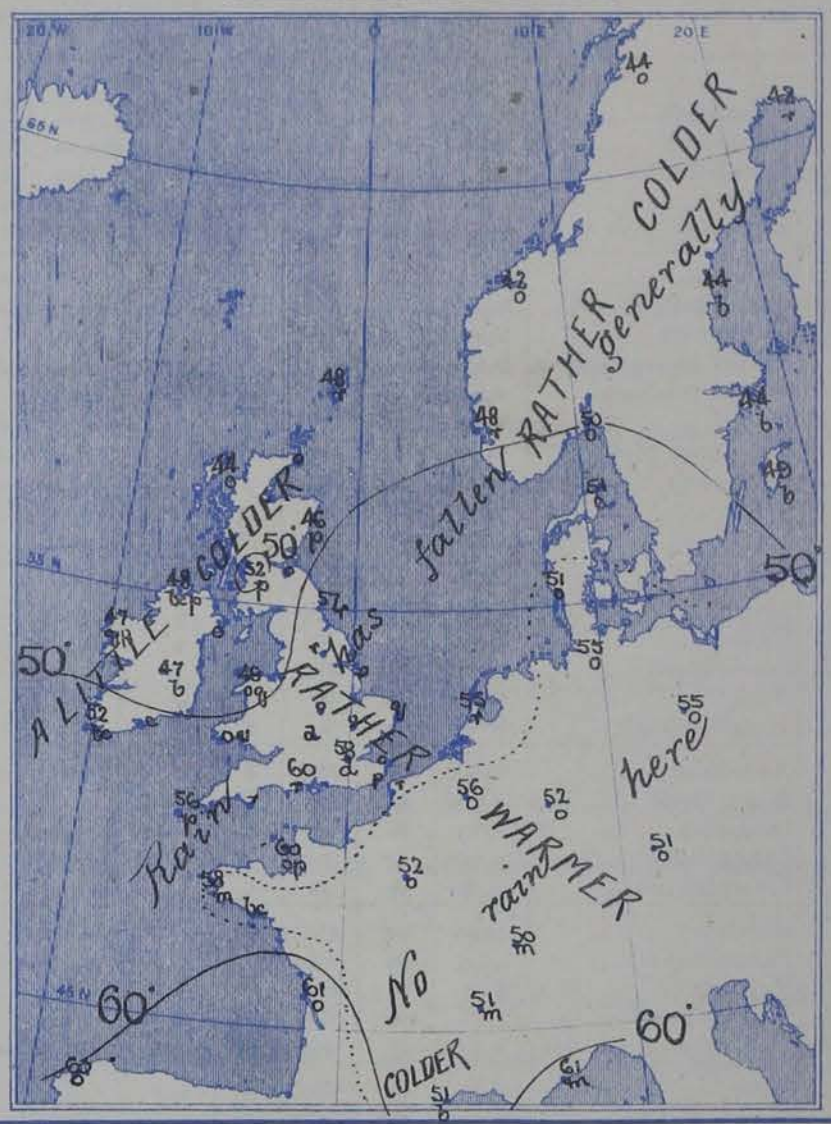
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 in: and more over Spain, the south of France, Austria and Germany.
Lowest, Below 29·1 in: in a depression having its central area over the Shetlands and north of Norway.
Gradients steep generally – favourable for S'erly winds in the east and W'ly in the west.
Barometer falling all over our Islands, rising over Scandinavia.

TEMPERATURE

Highest, 64° at Lisbon, 61° at Nice and Rochefort, 60° at Jersey and Hurst Castle, Dungeness, and the North Foreland, 58° at York.
Lowest, 41° at Haparanda and Christiansund, 44° at Bodö and Stockholm, (2) 44° at Stornoway, 45° at Thiel and Naun.

WIND

W'ly, moderate to strong at our western stations; S'ly, fresh, over England and on the Danish coast; SE'ly, a gale at Skudesnaes.
Light and variable from E. and SE over Central Europe.

WEATHER

Very changeable generally; wet and muggy over England; clearing considerably in Ireland.
Rain has fallen in all parts of our Islands and Scandinavia, but the falls have been considerable in the west and north only.
Bright Sunshine recorded yesterday – 5·5 hrs at Pembroke, 4·3 hrs at Cambridge, Nearly 3 hrs at Aberdeen and Brighton, very little at the other stations.

SEA

Rather rough in the southwest and west and off the W. of Norway, moderate or slight in most other places.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 5th Oct. 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 3·10 pm yesterday to districts 0, & 6 to 10 "Hoist South Cone"

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.69	49	45	NW	8	r	5
Sumburgh Head	29.71	45	41	WNW	3	c	4
Stornoway	29.73	50	50	SSW	4	o	4
Aberdeen	29.81	51	46	SE	2	o	2
Shields	29.88	57	51	WSW	3	c	2
Ardrossan	29.83	53	53	SSE	3	o	2
Malin Head ...	29.76	53	52	S	2	o	0
Belmullet	29.90	55	53	WSW	3	o	*
Holyhead	29.92	56	54	SSW	2	ompd	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.89	58	58	SSE	2	om	4
Scilly	29.99	59	58	WSW	3	f	2
Jersey	30.01	60	59	SW	3	c	3
Hurst Castle ...	29.98	60	58	Z	0	ov	0
Dungeness ...	29.95	60	59	WSW	3	d	2
North Foreland	29.97	61	57	W	1	o	0
London (Westminster)	29.95	63	59	SW	2	o	*
Yarmouth ...	29.94	60	55	NNE	3	b	2
Rochefort ...	30.11	69	65	S	2	be	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over Southeastern Europe, also on the Portuguese coasts and at many of our northern stations; very cloudy or overcast elsewhere, with rain very generally over northern Europe, and in some parts of England, fog and haze over France and Central Europe. Rain falling later in all parts of our Islands and Scandinavia – most in the west and north, the amounts at the English stations being small; slight local showers in some parts of France.

Temperature fallen decidedly over the northern parts of the British Islands and Norway. Morning readings 69° at Athens and above 60° at most of the Mediterranean stations and on the Portuguese coast, 59° at Jersey, 51° at Scilly, and 56° to 54° on the west and south coasts of Ireland. Lowest (1) 43° at Moscow and at Christiansund, 44° at Sumburgh Hd, 46° at Haparanda and Hernösand. Rising later to between 60° and 67° over England, to 61° at Paris, 63° at Berlin, and 77° at Kiel.

Wind (1) W to S, a gale at the Scandinavian stations; W and variable (moderate to light in force) over the British Islands, N on the coast of Portugal, very light and variable over Central, Eastern, and southern Europe, as well as the Mediterranean. Backing to the SW at our western and northern stations later, and freshening decidedly; gale over Scandinavia veering to NW.

Barometer highest (1) 30.22 in. at Corunna and exceeding 30.1 in. over the northern parts of Spain and the Bay of Biscay; (2) 30.1 in. and more over Central Russia, and exceeding 30.0 in. in a 'Col' stretching from W to E across France and South Germany and uniting the two high pressure systems noticed above. Lowest Below 28.7 in. over Finmark and the east of Lapland generally. Depression in far north moving eastwards later, and another arriving off our own northwest coasts from the SW.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Monday, 5th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.50	40	N	2	b	29.63	+.19	39	39	- 3	NE	0	b	#	b	#	52	36	-
	Hernösand ...	29.64	43	S	4	0	29.48	-.08	47	46	+ 3	S	8	r	#	0	#	54	37	0.044
	Stockholm ...	29.76	51	S	2	r	29.54	-.27	54	53	+ 10	SSE	2	r	#	r	#	54	39	.
	Wisby	29.82	51	SW	4	r	29.55	-.35	55	53	+ 6	S	4	0	#	r	#	55	45	-
	Karlstad ...	29.57	51	S	6	0	29.35	-.43	54	51	+ 10	SSE	6	0	#	0.r	#	#	#	0.044
	Bodö	29.51	41	N	4	c	29.26	-.04	44	40	0	E	6	0	2	c	#	48	37	0.04
	Christiansund ...	29.53	48	S	6	r	29.04	-.54	49	47	+ 7	WNW	4	r	5	r	#	50	42	0.12
	Skudesnaes ...	29.08	55	SSE	8	r	29.12	-.41	50	46	+ 2	SSW	7	c	6	r	#	55	46	#
	Færder (Christiania Fjord)	29.41	56	S	8	0	29.21	-.53	55	54	+ 5	S	7	r	5	0	#	56	48	0.39
	Skagen (The Scaw)	29.47	55	S	8	0	29.25	-.55	54	52	+ 3	SSW	7	0	3	0	#	55	50	0.20
	Fanö	29.40	56	SW	7	0	29.31	-.43	53	49	+ 2	W	6	c	#	0	#	57	51	0.28
BRITISH ISLANDS.	Sumburgh Head	28.98	48	WSW	3	c	28.74	-.29	46	44	- 2	S	9	c	5	c	#	50	42	0.23
	Stornoway ...	28.82	46	WSW	6	bqu	28.71	-.34	43	43	- 1	W	4	r	4	r,bcqu	7.0	51	40	0.45
	Wick	28.98	45	W	5	bc	28.76	-.33	44	40	- 1	W	5	bc	2	bc	#	52	42	-
	Nairn	28.98	42	W	2	bc	28.82	-.32	42	39	- 3	W	3	c	4	bcp	#	52	39	0.05
	Aberdeen ...	29.08	45	SW	3	b	28.94	-.23	42	39	- 4	SW	5	bcqu	4	q.b	2.1	51	40	-
	Leith	29.16	48	WSW	4	b	29.07	-.16	44	43	- 5	SW	3	c	#	bq	#	52	40	0.05
	Shields	29.24	50	SW	3	c	29.22	-.06	44	42	- 13	SW	2	c	2	p.c	#	58	38	-
	Spurn Head ...	29.33	47	WSW	4	c	29.34	-.09	45	44	- 10	WSW	4	b	4	or.c.b	#	59	42	0.19
	York	29.30	48	SW	1	bc	29.32	-.04	43	41	- 15	WSW	4	b	#	o.bc	0.0	59	39	0.13
	Loughborough ...	29.40	46	W	3	b	29.44	-.06	43	41	- 15	WSW	4	bw	#	r.cq,bc	#	59	41	0.18
	Ardrossan ...	29.16	49	SW	6	bcqp	29.13	-.13	47	46	- 5	SW	6	cqhp	4	bcqph.	#	52	44	0.15
	Malin Head ...	29.13	46	W	6	cqp	29.14	-.10	47	42	- 1	W	5	cq	4	cqp	#	52	42	0.144
	Belmullet ...	29.29	46	WNW	4	cqp	29.35	-.04	44	41	- 3	WNW	6	bcp	#	cqp	#	53	41	0.20
	Donaghadee ...	29.25	44	WSW	3	bc	29.27	-.07	41	39	- 6	W	6	bc	4	bc	#	56	39	-
	Liverpool (Bidston)	29.34	45	WSW	3	bc	29.37	.00	47	41	- 11	WSW	7	bc	5	opbc	#	58	42	0.11
	Holyhead ...	29.34	47	SW	5	qpth	29.40	-.01	47	42	- 2	WSW	7	cq	6	cqhpth	#	53	42	0.03
	Parsonstown ...	29.37	44	W	0	0	29.47	+.01	41	40	- 6	W	2	bp	#	or.cp	5.6	51	39	0.16
	Valencia ...	29.42	49	WSW	6	oqpht	29.62	+.08	49	46	- 3	W	6	oqp	6	qphrt	5.4	53	44	0.14
	Roche's Point ...	29.46	47	WNW	5	cq	29.62	-.02	45	43	- 5	WNW	5	bcrhq	4	cq	#	53	41	0.15
	Pembroke (St. Ann's Hd.)	29.45	51	W	7	c	29.55	+.07	49	45	- 7	WNW	7	bc	6	c.q	3.7	56	44	0.11
	Scilly	29.60	52	W	6	cq	29.72	+.11	49	45	- 7	WNW	6	c	5	cq	4.4	58	45	0.29
	Prawle Point ...	29.55	51	WNW	6	c	29.68	+.06	49	45	- 7	WNW	7	cqp	6	cqhp	#	57	40	0.20
	Jersey (St. Aubin's)	29.64	54	W	5	op	29.75	.00	53	47	- 7	W	7	bc	5	p.qhr	#	63	48	0.24
	Hurst Castle ...	29.51	52	W	4	c	29.61	-.04	51	47	- 9	WSW	5	c	4	cqp	#	60	49	0.10
	Dungeness ...	29.43	57	WSW	6	cqr	29.54	-.14	50	46	- 10	W	5	bc	4	rq	#	61	46	0.19
	North Foreland	29.45	58	SW	5	c	29.54	-.14	48	44	- 12	W	3	b	3	o.c	#	61	44	0.13
	London (Strand) ...	29.49	51	W	3	op	29.55	-.10	46	43	- 12	WSW	4	b	#	oqptw	0.6	62	42	0.08
	Oxford	29.46	48	SW	4	r	29.54	-.03	46	43	- 13	WSW	4	b	#	r	#	61	42	0.23
	Cambridge ...	29.43	48	W	1	r	29.48	-.10	44	42	- 15	WSW	4	cw	#	oqr	0.9	63	40	0.16
	Yarmouth ...	29.36	58	SW	5	oqr	29.45	-.15	46	43	- 12	W	3	bcm	3	orq	#	60	41	0.10
GERMANY & HOLLAND.	Cuxhaven ...	29.60	58	S	5	0	29.44	-.41	51	?	- 4	SW	4	0	#	0.r	#	59	50	?
	Berlin	29.80	58	SSW	4	0	29.60	-.40	56	53	+ 1	SSE	5	c	#	0	#	64	50	-
	Wiesbaden ...	#	#	#	#	#	29.66	-.34	54	52	+ 2	SW	2	r	#	#	#	59	50	0.20
	Munich	30.08	52	E	1	bc	29.84	-.22	50	48	- 1	W	1	b	#	bc	#	59	45	-
	The Helder ...	29.39	57	SSW	5	r	29.42	-.30	53	47	- 2	SW	4	bc	2	r	#	61	52	0.20
FRANCE & BELGIUM.	Brussels ...	#	#	#	#	#	29.64	-.20	47	44	- 9	SW	5	r	#	r	#	61	46	0.28
	Cape Gris Nez ...	29.46	57	W	6	r	?	?	52	48	- 6	WNW	6	bc	6	r	#	61	48	0.35
	Paris	29.70	61	S	4	r	29.79	-.12	48	46	- 4	SW	3	c	#	r	#	62	46	0.43
	Brest	29.70	55	WNW	4	c	29.82	?	53	48	- 5	NW	4	c	4	c	#	59	46	0.04
	Lorient	29.72	55	NW	5	0	29.79	-.06	54	?	- 3	NW	6	0	5	0	#	59	50	0.08
	Rochefort ...	29.85	63	WSW	5	r	29.96	+.01	57	55	- 4	WNW	6	c	#	r	#	64	54	0.24
	Belfort	29.86	56	W	2	m	29.80	-.19	52	51	+ 2	W	4	r	#	m	#	63	50	0.04
	Lyons	29.90	61	S	2	b	29.89	-.15	58	54	+ 7	SW	1	0	#	b	#	72	51	-
	Nice	30.01	58	E	1	b	29.98	-.02	57	52	- 4	W	2	0	1	b	#	68	52	-
	Perpignan ...	29.98	60	E	2	0	30.02	-.02	57	57	+ 6	W	2	0	#	0	#	68	51	-
	Biarritz ...	29.89	66	N	2	bo	30.02		59	56		NW	3	r	3	bc	#	70	57	0.63
PENINSULA.	Corunna ...																#			
	Lisbon	30.08	61	NNE	4	c	30.13	+.11	63	58	- 1	NNE	4	b	#	c	#	72	61	-
	Azores (P. Delgada)	30.30	67	NNE	2	c	30.26		68	63		N	1	c	2	c	#	79	64	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

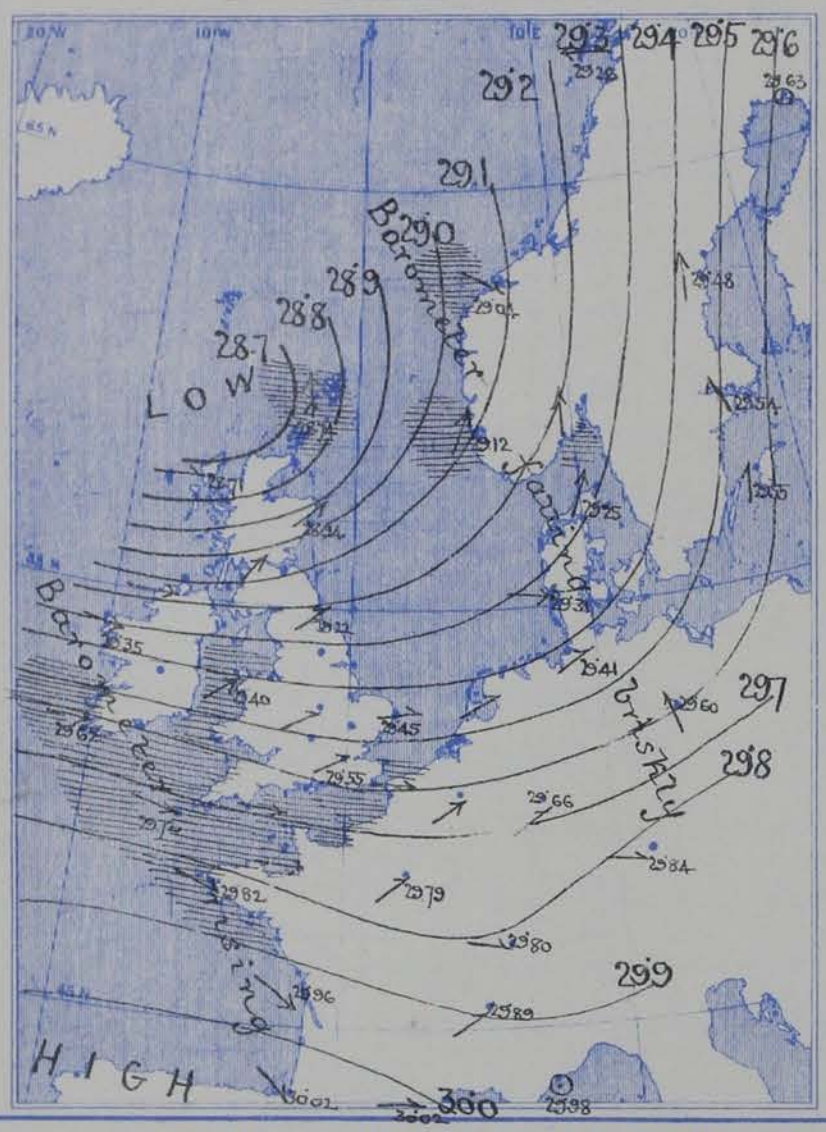
Bright Sunshine yesterday Southport 1.0 hrs; Eastbourne 0.0 hrs; Hastings 0.0. Brighton, Amount not reported.

WEATHER CHARTS

FOR Monday, 5th October, 1896.

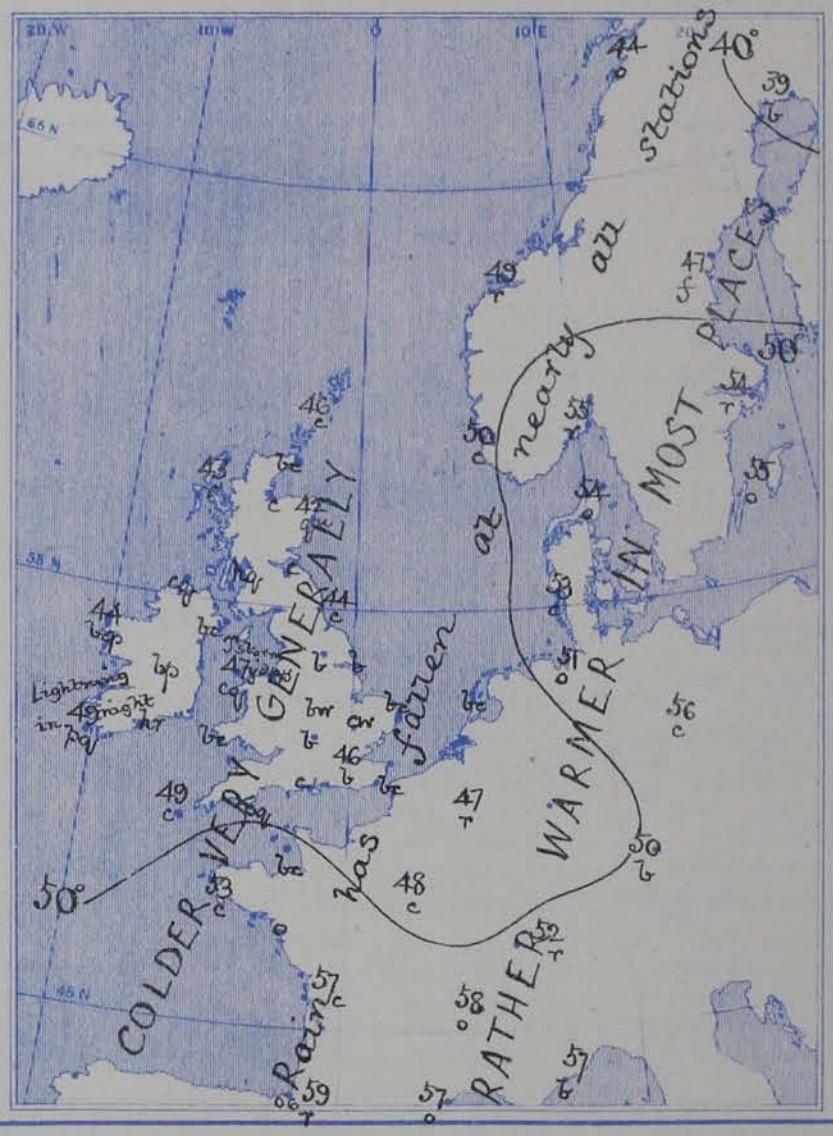
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—*Rough* ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means. 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	68*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	33
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in: and more to 30·0 in: over the Spanish Peninsula and exceeding 29·6 in: over Finland.
Lowest, about 28·7 in: in a large depression bearing its centre somewhat to the northward of the Scotch coast
Gradients steep over all the northern districts, rather so over the south of our Islands and the English Channel moderate or slight over France and Spain.
Barometer rising in the west and south, falling in the northeast.

TEMPERATURE

Highest, 63° at Lisbon, 57° at Nice and Rochefort, 51° at Hartland Castle.
Lowest, (1) 39° at Haparanda, 44° at Boeö; (2) 42° at Nairn and Aberdeen, 43° at Loughborough; (3) 41° at Parsonstown
The maxima recorded yesterday ranged between 63° and 60° over the southern half of France, but did not touch 60° over the more northern districts.

WIND

WNW 3 to WSW 3 over Ireland and England, and blowing a moderate gale at most of the western and southern stations.
SW 3 and strong in Scotland; S 3, a gale in the Shetlands and at several of the Scandinavian stations.

WEATHER

Clear and bright in many places, squally and showery in others, and very changeable generally.
Hail squalls have occurred at several of our western stations, and thunderstorms in a few places.
The amounts of rainfall measured this morning are all less than half an inch; in most parts of England less than 0·25 in:.
Bright Sunshine recorded yesterday was—Eastbourne and Hastings none; London 0·6 hr; Cambridge 0·9 hr; more than 5 hrs at the Irish stations, and 7 hrs at Stornoway.

SEA

Very rough in the south and west, and on the Norwegian coast, slight in the east.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the depression in the north passes off the wind will probably moderate gradually, with sharp passing showers at times. Tonight will probably be clear and cold over England.

FORECASTS

For the 24 hours ending at NOON on 6th Oct. 1896.

DISTRICTS.	FORECASTS.
⊥ 0 SCOTLAND NORTH	W. winds, strong, squally, some showers.
1 SCOTLAND EAST	
2 ENGLAND N.E.	SW. and W. winds, strong; squally, some showers.
3 ENGLAND EAST	Same as No. 5
4 MIDLAND COUNTIES	Same as No. 2
5 ENGLAND SOUTH	W. winds, moderating gradually; sharp showers, fine tonight.

DISTRICTS.	FORECASTS.
⊥ 6 SCOTLAND WEST	Same as Nos 0 and 1.
⊥ 7 ENGLAND N.W.	W. gales, moderating slowly; some showers, bright intervals, squally.
⊥ 8 ENGLAND S.W.	
⊥ 9 IRELAND NORTH	
⊥ 10 IRELAND SOUTH	
WARNINGS	The SOUTH CONE is still flying in districts 0, and 6 to 10.

Note.—The **South Cone**, *point downwards* (⊥), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (⊤), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.29	55	54	ESE	10	f	7
Sumburgh Head							
Stornoway	28.90	50	50	WSW	7	qj	6
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29.18	50	43	W	5	bc	3
Belmullet	29.31	48	45	W	4	bc	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29.67	60	60	SW	4	op	3
Hurst Castle ...							
Dungeness ...	29.48	60	59	SSW	6	r	4
North Foreland	29.49	60	58	SSW	5	o	4
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29.52	61	61	W	4	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 27TH SEPT. TO THE 3RD OCT.

The weather experienced over the United Kingdom during this week has been much finer than that of the four or five weeks which have preceded it. The change from the conditions observed during last week have been very striking; the barometer has risen rapidly, temperature has fallen, the wind has decreased greatly in force and the rainfall has become slight.

During the middle part of the week anticyclonic conditions prevailed over all the southern parts of the Kingdom, the North Sea, and the Baltic, but these moved southwards later, and the appearance again became threatening for strong W.-(SW to NW) winds over the Kingdom as a whole, with gales in places, and frequent falls of rain.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 6th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	29.55	48	SE	4	o	29.43	− .20	50	50	+ 11	SSW	2	r	*	o	*	54	34	0.32
	Hernösand ...	29.39	47	S	4	f	29.41	− .07	43	42	− 4	S	4	bc	*	f	*	50	41	0.12
	Stockholm ...	29.50	53	S	2	o	29.56	+ .02	48	45	− 6	SSW	4	o	*	o	*	55	48	—
	Wisby	29.56	51	SSW	4	o	29.70	+ .15	49	46	− 6	W	6	r	*	o	*	59	46	—
	Karlstad ...	29.43	49	SW	2	b	29.49	+ .14	45	?	− 9	S	4	o	*	b.r	*	*	*	0.32
	Bodö	29.19	52	E	6	r	29.22	− .04	46	45	+ 2	E	0	bc	0	r	*	52	39	—
	Christiansund ...	29.12	45	NNE	3	bc	29.17	+ .13	45	42	− 4	ESE	4	bc	3	bc	*	49	44	0.24
	Skudesnaes ...	29.19	50	SSW	9	o	29.26	+ .14	49	45	− 1	SSW	8	c	5	c,o,hl	*	52	45	*
	Færder (Christiania Fjord)	29.36	52	SSW	6	bc	29.41	+ .20	47	46	− 8	W	6	o	5	bc	*	55	47	0.16
	Skagen (The Scaw)	29.44	49	WSW	3	o	29.47	+ .22	46	43	− 8	SW	4	bc	2	o,b	*	55	43	0.04
	Fanö	29.50	47	W	4	c	29.57	+ .26	45	43	− 8	W	4	cp	*	c,hlr	*	61	45	0.28
	Sumburgh Head	28.78	45	WSW	5	o	28.88	+ .14	46	44	0	WSW	4	r	6	r,o	*	47	42	0.37
	Stornoway ...	28.89	43	W	6	oqu	29.04	+ .33	43	43	0	W	4	r	4	hspq,oqu	2.3	52	39	0.36
	Wick	28.97	43	W	6	c	29.05	+ .29	46	45	+ 2	W	5	bc	3	c	*	47	38	0.05
	Nairn	29.06	42	WSW	3	c	29.12	+ .30	42	41	0	WSW	3	c	3	c	*	48	38	0.04
	Aberdeen ...	29.11	43	SW	6	bq	29.24	+ .30	42	39	0	SW	5	bcq	4	bcq,bq	7.4	53	38	—
BRITISH ISLANDS	Leith	29.21	41	SSW	4	bc	29.31	+ .24	41	40	− 3	SW	4	bcp	*	bc	*	50	38	0.07
	Shields	29.33	47	WSW	4	c	29.45	+ .23	42	39	− 2	SW	3	c	2	c,p	*	53	39	0.01
	Spurn Head ...	29.48	45	SW	5	bcpq	29.59	+ .25	46	45	+ 1	SW	4	c	4	bcpq,l	*	52	42	0.02
	York	29.47	41	SW	4	r	29.56	+ .24	43	41	0	S	1	o	*	b,r	5.8	51	39	0.12
	Loughborough ...	29.58	45	WSW	4	c	29.64	+ .20	46	44	+ 3	SW	3	og	*	bcpq,o	*	51	42	0.11
	Ardrossan ...	29.25	48	WSW	4	pq	29.35	+ .22	47	46	0	WSW	6	bcq	5	opq	*	49	42	0.58
	Malin Head ...	29.22	45	W	6	chq	29.27	+ .13	43	41	− 4	SSW	5	c	3	chq	*	49	41	0.38
	Belmullet ...	29.44	45	WNW	6	cpq	29.41	+ .06	46	42	+ 2	WSW	4	or	*	crspq	*	53	42	0.10
	Donaghadee ...	29.39	41	WSW	4	bc	29.44	+ .17	41	40	0	WSW	4	bc	2	bc	*	48	37	0.01
	Liverpool (Bidston)	29.48	46	WSW	5	b	29.56	+ .19	45	42	− 2	SSW	2	o	2	b.pql	*	49	43	0.05
	Holyhead ...	29.49	46	SSW	7	bcpq	29.53	+ .13	48	44	+ 1	SW	5	c	4	bcpq,l	*	52	42	0.01
	Parsonstown ...	29.54	41	E	0	b	29.49	+ .02	42	41	+ 1	S	1	or	*	b,p	6.5	49	40	0.32
	Valencia ...	29.65	49	WSW	6	cphr	29.45	− .17	47	46	− 2	S	2	rq	3	hrpq,l	2.3	51	43	0.60
	Roche's Point ..	29.64	49	WNW	4	c	29.48	− .14	49	49	+ 4	SSE	3	r	4	p.c,hp	*	51	45	0.10
	Pembroke (St. Ann's Hd.)	29.60	51	W	7	o	29.60	+ .05	51	50	+ 2	WSW	4	rq	5	o	5.7	53	45	0.20
	Scilly	29.76	53	W	7	cq	29.66	− .06	55	53	+ 6	SSW	5	r	4	cq	5.7	56	44	0.35
	Prawle Point ...	29.75	52	W	7	c	29.72	+ .04	54	52	+ 5	SW	7	r	6	oqhl	*	54	41	?
	Jersey (St. Aubin's)	29.89	52	W	6	cp	29.87	+ .12	55	52	+ 5	SW	6	o	5	bc,hrpq	*	58	49	0.14
	Hurst Castle ...	29.73	52	WSW	5	opq	29.76	+ .15	54	52	+ 3	SW	4	p	4	cpq,l	*	56	49	0.17
	Dungeness ...	29.71	53	WSW	7	oql	29.76	+ .22	55	54	+ 5	WSW	7	c	6	bcq,hr	*	58	47	0.43
	North Foreland	29.70	48	SW	4	c	29.78	+ .24	51	48	+ 3	SW	2	o	2	bc,c,l	*	55	46	—
	London (Strand) ...	29.71	47	W	2	c	29.75	+ .20	51	48	+ 5	S	2	o	*	bc,hp,o	8.6	54	44	0.07
	Oxford	29.69	45	WSW	4	o	29.70	+ .16	47	45	+ 1	SSW	2	op	*	b,op	*	52	43	0.25
	Cambridge ...	29.64	46	SW	5	b	29.73	+ .25	47	46	+ 3	SW	1	dg	*	b,pq,l	7.9	54	41	0.02
	Yarmouth ...	29.59	47	WSW	4	bc	29.71	+ .26	47	45	+ 1	SW	3	cg	3	bcq,l	*	52	42	—
GERMANY & HOLLAND	Cuxhaven ...	29.56	45	WSW	5	r	29.69	+ .28	46	46	− 5	SW	6	c	*	rhpl	*	55	43	0.16
	Berlin	29.82	49	W	4	b	29.98	+ .38	46	43	− 10	SW	5	b	*	b	*	61	45	0.24
	Wiesbaden ...	*	*	*	*	*	30.09	+ .43	46	43	− 10	SW	1	c	*	*	*	59	39	0.12
	Munich... ..	30.12	49	SW	6	c	30.25	+ .41	44	43	− 6	SSW	2	b	*	c	*	61	41	0.08
	The Helder ...	29.62	49	SW	5	bc	29.72	+ .30	52	47	− 1	WSW	5	o	2	bc	*	54	48	0.28
BELGIUM.	Brussels ...	*	*	*	*	*	29.94	+ .30	50	48	+ 3	SW	5	o	*	o	*	51	42	0.47
	Cape Gris Nez ...	29.71	55	WNW	6	r	29.75	?	54	50	+ 2	W	5	r	5	r	*	55	48	0.98
	Paris	29.99	48	SW	2	bc	30.05	+ .26	48	46	0	SW	3	b	*	bc	*	60	45	0.04
	Brest	29.92	55	NW	5	o	29.86	+ .04	57	54	+ 4	SW	5	c	4	o	*	59	50	0.04
	Lorient... ...	29.95	53	WNW	4	bc	29.95	+ .16	54	53	0	WSW	5	c	3	bc	*	59	46	0.08
FRANCE &	Rochefort ...	30.12	59	WNW	4	c	30.09	+ .13	58	55	+ 1	SW	3	c	*	c	*	66	55	0.04
	Belfort	30.04	50	WSW	3	bc	30.19	+ .39	44	42	− 8	WSW	1	bc	*	bc	*	55	40	0.04
	Lyons	30.15	52	W	1	r	30.23	+ .34	44	43	− 14	SW	1	b	*	r	*	62	42	0.04
	Nice	29.98	62	E	1	b	30.12	+ .14	57	54	0	E	1	c	2	b	*	70	54	—
	Perpignan ...	30.16	59	W	2	o	30.20	+ .18	57	55	0	E	2	o	*	o	*	72	55	—
	Biarritz ...	30.13	58	SE	2	o	30.08	+ .06	51	50	− 8	E	2	b	5	o	*	64	50	0.08
PENINSULA	Corunna ...																*			
	Lisbon	30.15	58	N	4	b	30.15	+ .02	59	54	− 4	N	4	b	*	b	*	70	55	—
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

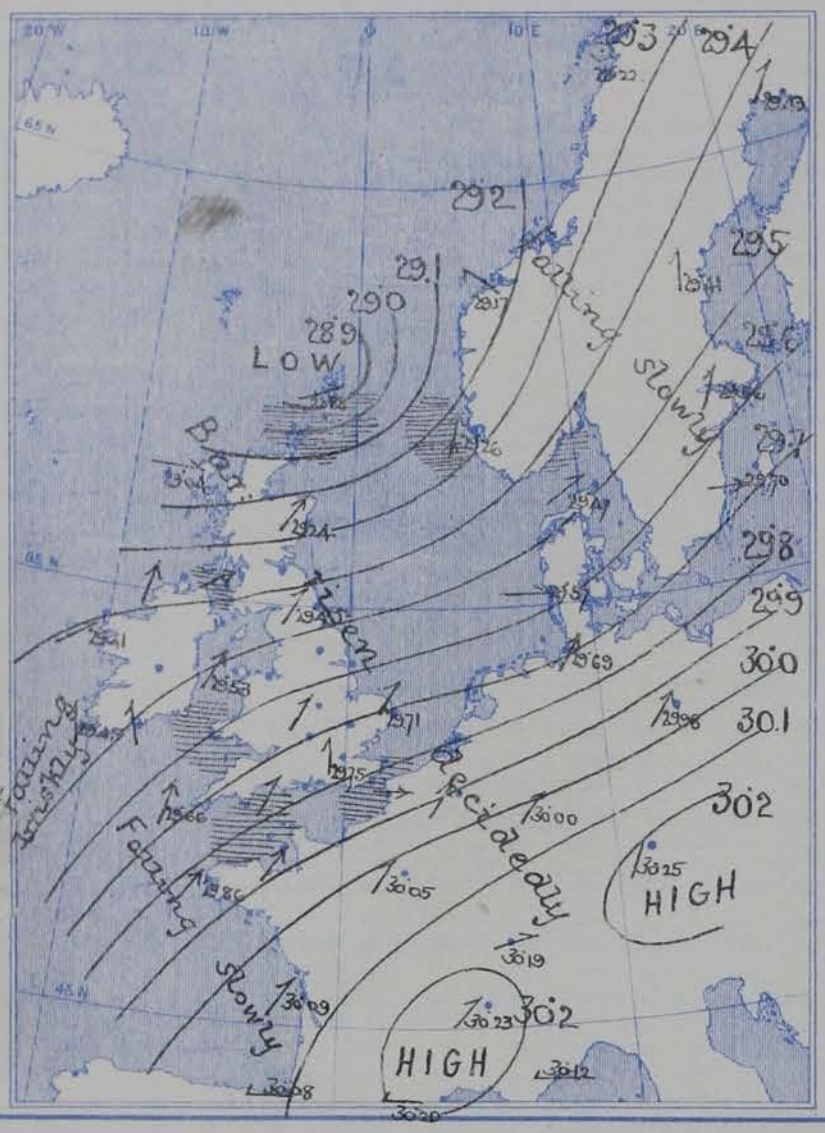
Bright Sunshine yesterday Southport 3.3 *hrs; Eastbourne* 8.0 *hrs; Hastings* 9.0 *hrs;* Brighton 9.3 hrs.

WEATHER CHARTS

FOR Tuesday, 6th October, 1896.

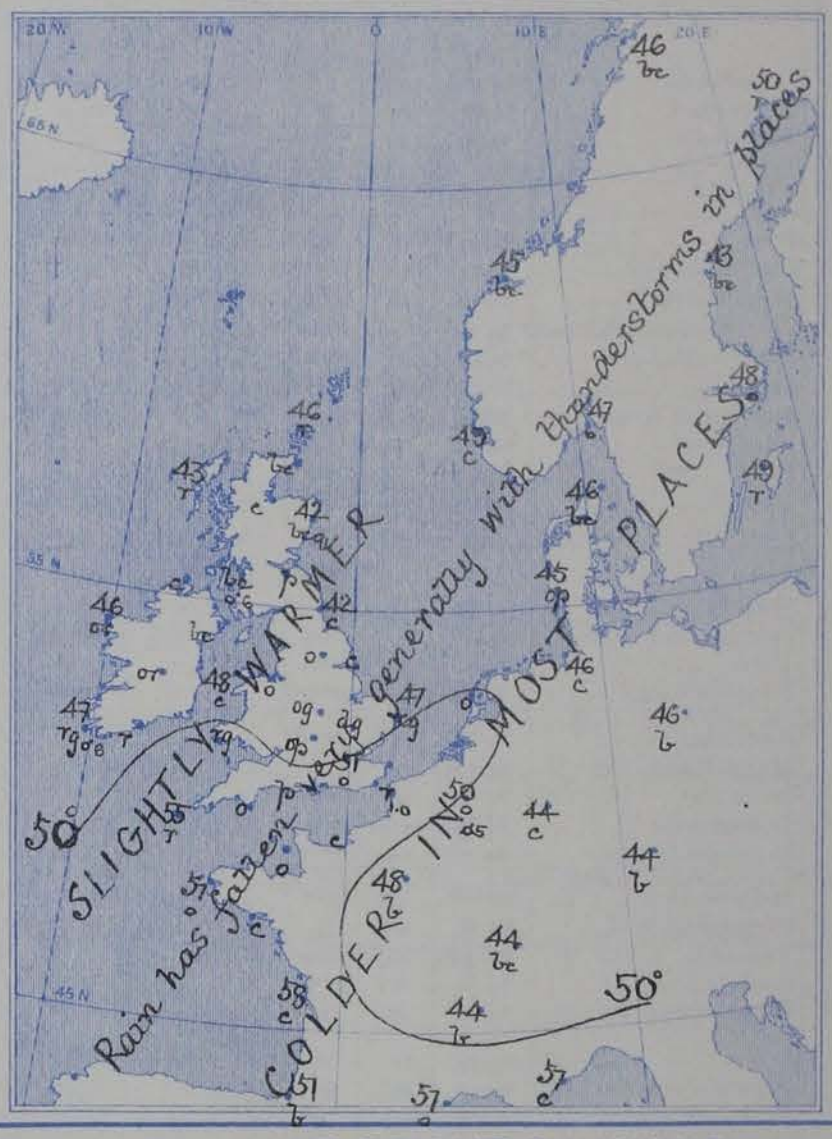
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ▒ ; *High* ▓



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and upwards in a small area lying over the south of France.
Lowest 28.9 ins. and less in a depression lying to the northward of the Shetlands.
Gradients rather steep over Gt. Britain and the North Sea, but moderate or slight elsewhere.
Barometer falling decidedly on our southwest coasts, and slightly in the west of France, but rising in most parts of our area.

TEMPERATURE

Highest 59° at Lisbon, 58° at Jersey and Rochefort, 57° at Brest Nice and Perpignan, & 55° at Scilly & Dungeness.
Lowest (1) 41° at Leith and Donaghadee, and 42° at Nairn, Aberdeen, Shields and Parsonstown; (2) 43° at Haparanda, (3) 44° at Wiesbaden, Munich, Belfort and Nice.
The maxima registered yesterday were below 50° on many parts of our N. and NW. coasts, and below 55° at all but the English Channel stations.

WIND

Fresh or strong from the SW.ᵗʰ over the greater part of our area, with a gale in the W. of Norway.
Light from the S.ᵗʰ in the south of Ireland, and from the E.ᵗʰ in the south of France.

WEATHER

Fair or fine in the E.ᵗʰ parts of Gt. Britain, and also over the greater part of France and Germany.
Cloudy and unsettled in most other localities, with rain over the southwest of our Islands generally, as well as in the Shetlands and Hebrides, and at some of the Swedish stations.
Rain fell yesterday over W.ᵗʰ Europe generally, hail or sleet at several of our own W.ᵗʰ stations, and snow at Stornoway. Thunderstorms occurred over the S. of England, as well as at Skudesnaes and Faro, and lightning was seen at night in many places.

SEA

Rough or rather so on our south coasts, as well as off the west and north of Scotland & at Skudesnaes.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which lay off the N. of Scotland yesterday is passing away to the N.ᵗʰ. A new disturbance is, however, approaching our SW. coasts, and the weather is therefore likely to continue very unsettled in all districts, with a considerable increase of wind in the W. and S.

FORECASTS

For the 24 hours ending at NOON on 7ᵀᴴ. OCTOBER 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	Wind backing to the S.ᵗʰ or SE.ᵗʰ; fair at first, some rain later.
3 ENGLAND EAST 4 MIDLAND COUNTIES ↓ ENGLAND SOUTH	S.ᵗʰ to SW.ᵗʰ winds increasing in force, dull and rainy at first, some improvement later.
6 SCOTLAND WEST	Same as Nos. 0 to 2.
↓ 7 ENGLAND N.W.	S.ᵗʰ winds increasing in force, dull, rainy.
↓ 8 ENGLAND S.W.	S.ᵗʰ to W.ᵗʰ strong winds and gales, squally and rainy at first, some improvement later.
↓ 9 IRELAND NORTH ↓ 10 IRELAND SOUTH	S.ᵗʰ winds increasing to a gale and shifting later to the W.ᵗʰ or NW.ᵗʰ; squally and rainy at first, some improvement later.
WARNINGS	At 10.10 am to districts 8, 10 and parts of 5, 7 and 9. Hoist South Cone.

Note.—The **South Cone**, *point downwards* (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.15	52	46	SSW	8	c	6
Sumburgh Head	29.67	44	42	SSW	4	r	6
Stornoway	28.87	46	45	WNW	5	s	5
Aberdeen	29.02	52	43	SW	7	bcq	5
Shields	29.30	51	45	SW	4	c	2
Ardrossan	29.23	48	48	WSW	5	pq	4
Malin Head ...	29.19	45	43	W	6	c	5
Belmullet	29.42	45	42	WNW	6	crspq	*
Holyhead ...	29.45	50	45	WSW	7	bcp	6

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.63	50	46	WSW	6	rhq	6
Scilly	29.78	54	51	W	6	cq	6
Jersey	29.90	57	49	W	7	bc	6
Hurst Castle ...	29.71	54	? 49	W	5	cp	5
Dungeness ...	29.64	57	49	WSW	6	bcq	5
North Foreland	29.66	54	46	W	5	bc	4
London (Westminster)	29.64	55	47	W	4	c	*
Yarmouth ...	29.54	52	46	WSW	5	bcq	3
Rochefort ...	30.07	62	58	NW	5	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine in the E^rn. parts of the United Kingdom, but showery in the west, with hail at Roche's Point. Cloudy or dull over the greater part of the Continent, with rain at many of the northern and central stations. Fine over the Spanish Peninsula, and the W^rn. parts of the Mediterranean, but rainy at Malta. Rain falling during day over nearly the whole of W^rn. Europe, heavily in places; sleet or hail reported at several of our own W^rn. stations and snow at Stornoway (The newspapers report the occurrence of snow or sleet at many places in the N^rn. parts of Gt. Britain) Thunderstorms or lightning only occurring in many parts of England and Ireland, as well as in Denmark and the south of Norway.

Temperature fallen in our Islands and their immediate neighbourhood, risen in most other localities. Morning readings highest 73° at Athens and Malta, 71° at Patras, and 69° at Barcelona and Sfax, above 65° in many parts of southern Europe. Lowest (1) 38° at Ulealborg, 39° at Haparanda, and 40° at Moscow; (2) 41° at Donaghadee and Parsonstown, and 42° at Nairn and Aberdeen. Daily maxima below 50° on several parts of our own N. and NW. coasts, and below 55° at all but our extreme southern stations. Thermometer exceeding 70° in the south of France.

Wind very strong from the W^rly. or NW^rly. over the western parts of our Islands and France; moderate from the SW^rly. on our E. coasts, as well as over the Netherlands, Germany and the NE. of France; moderate to strong from the S^rly. over the Baltic and Scandinavia. Rather variable over S^rn. and SE^rn. Europe as a whole, but N^rly. in Portugal and also in Greece. Subsequently backing towards the SW^rly. at several of our own W^rn. stations; no decided change occurring elsewhere.

Barometer highest 30.2 ins. and upwards in an anticyclone lying over the central and southern parts of Russia, 30.1 ins. and upwards in another system over the Spanish Peninsula. Lowest 28.4 ins. and less in a deep depression having its centre off the N. of Scotland; gradients steep over the N. of our Islands, and rather steep over NW^rn. and N^rn. Europe generally. Depression subsequently moving NE^rly. and barometer rising over the whole Kingdom.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 7th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...														*		*			
	Hernösand ...														*		*			
	Stockholm ...														*		*			
	Wisby														*		*			
	Karlstad ...														*		*	*	*	
	Bodö ... ... †	29·31	41	SW	4	o	29·32	+·10	46	45	0	SW	4	o	2	o	*	50	45	0·04
	Christiansund ... †	29·28	44	2	0	b	29·23	+·06	43	40	−2	SSE	3	o	2	b	*	52	43	—
	Skudesnaes ...	29·38	49	SSE	8	r	29·22	−·04	43	41	−6	WNW	4	r	4	r,b	*	50	39	*
	Færder (Christiania Fjord)	29·54	50	WSW	6	b	28·90	−·51	49	47	+2	SSW	10	c	8	b	*	50	46	0·55
	Skagen (The Scaw)	29·63	49	WSW	3	o	29·28	−·19	49	45	+3	W	9	m	4	o	*	55	43	0·35
	Fanö	29·50	53	WSW	7	r	29·54	−·03	52	48	+7	W	7	c	*	r	*	55	45	0·12
BRITISH ISLANDS	Sumburgh Head	29·05	46	WSW	4	o	29·18	+·30	46	44	0	W	3	c	4	r,o	*	48	40	0·72
	Stornoway ...	29·13	42	W	3	o	29·33	+·29	42	41	−1	W	3	c	3	r,o	0·9	52	39	0·26
	Wick	29·14	45	W	4	c	29·32	+·27	44	42	−2	W	4	bc	2	c,b	*	50	39	0·03
	Nairn	29·19	42	WSW	2	b	29·38	+·26	43	43	+1	W	1	bc	1	b	*	50	37	—
	Aberdeen ...	29·27	43	S	3	bc	29·45	+·21	44	41	+2	SSW	1	bmw	2	bq,bc	9·0	50	33	—
	Leith	29·28	44	W	2	bc	29·47	+·16	46	44	+5	WSW	4	b	*	bc	*	52	38	0·01
	Shields	29·29	46	SSW	2	r	29·60	+·15	46	42	+4	SSW	2	c	2	dm,r	*	52	40	0·06
	Spurn Head ...	29·22	53	S	6	r	29·70	+·11	46	45	0	WSW	4	c	3	c,r,b	*	55	41	0·08
	York	29·27	50	E	1	r	? 29·68	+·12	42	40	−1	SSE	1	o	*	r	0·0	50	39	0·42
	Loughborough ...	29·31	55	SSW	6	r	29·76	+·12	43	41	−3	SW	2	cw	*	orq,p,c	*	57	40	0·15
	Ardrossan ...	29·29	45	W	2	rhpq	29·53	+·18	48	48	+1	SW	4	cpq	3	oqhrp	*	49	41	0·23
	Malin Head ...	29·28	44	SSW	4	ohq	29·49	+·22	47	45	+4	SSW	3	bcp	2	c,ohq	*	49	41	0·24
	Belmullet* ...	29·40	46	WNW	5	bc	29·52	+·11	47	45	+1	SW	1	o	*	b,bc	*	49	42	0·12
	Donaghadee ...	29·35	44	WSW	4	c	29·61	+·17	41	40	0	W	3	b	2	c	*	50	37	0·01
	Liverpool (Bidston)	29·27	45	N	1	r	29·71	+·15	45	41	0	SSW	3	c	3	r	*	48	40	0·57
	Holyhead ...	29·34	47	WNW	4	o	29·68	+·15	48	44	0	SW	3	c	3	rgm,o	*	49	43	0·57
	Parsonstown ...	29·47	43	2	0	b	29·62	+·13	41	39	−1	2	0	o	*	or,b	1·3	49	37	0·02
	Valencia ...	29·55	50	W	4	bc	29·54	+·09	48	44	+1	ESE	3	og	4	c,bc	2·9	51	42	0·13
	Roche's Point ...	29·51	49	WNW	4	b	29·63	+·15	51	49	+2	S	4	o	4	r,b	*	52	43	0·25
	Pembroke (St. Ann's Hd.)	29·44	52	WNW	4	o	29·70	+·10	52	47	+1	SW	4	o	5	o	0·3	57	49	0·45
	Scilly	29·51	55	WNW	4	c	29·69	+·03	52	48	−3	ESE	4	orw	6	r,c	0·0	58	47	0·70
	Prawle Point ...	29·50	56	SSW	8	r	29·77	+·05	49	47	−5	ESE	4	o	4	r	*	56	41	?
	Jersey (St. Aubin's)	29·75	58	SSW	7	orqm	29·83	−·04	56	53	−2	W	2	orm	3	orqm	*	61	55	0·26
	Hurst Castle ...	29·55	57	SSW	8	r	29·80	+·04	51	49	−3	NW	1	cm	3	rm,r	*	57	47	0·41
	Dungeness ...	29·63	57	SSW	8	oqr	29·82	+·06	53	50	−2	WNW	3	c	2	rq	*	58	49	0·47
	North Foreland	29·65	56	S	6	pq	29·82	+·04	51	48	0	W	2	bc	2	r,pq		56	48	0·35
	London (Primrose) ...	29·54	55	SSW	7	rq	29·81	+·06	47	46	−4	W	1	c	*	od,orq,bc	0·0	55	42	0·60
	Oxford	29·45	57	SSW	5	r	29·80	+·10	45	43	−2	SSW	1	c	*	rq	*	58	42	0·33
	Cambridge ...	29·44	54	S	6	r	29·81	+·08	44	44	−3	SW	1	ow	*	rq	0·0	57	40	0·17
	Yarmouth ...	29·51	53	SSW	6	orq	29·77	+·06	47	45	0	W	3	bc	3	orq,rq	*	55	42	0·11
GERMANY & HOLLAND	Cuxhaven ...	29·79	50	SSW	4	o	29·67	−·02	51	51	+5	WSW	5	o	*	or	*	54	46	0·16
	Berlin	29·94	52	SSW	3	b	29·91	−·07	53	49	+7	SSW	4	o	*	b	*	57	46	—
	Wiesbaden ..	*	*	*	*	*	30·00	−·09	49	47	+5	S	1	o	*	*	*	57	44	—
	Munich... ..	30·17	47	NE	4	b	30·16	−·09	47	45	+3	S	2	b	*	b	*	59	41	—
	The Helder ...	29·63	54	SSW	5	o	29·76	+·04	53	48	+1	W	3	bc	2	o	*	55	52	0·757
BELGIUM	Brussels ...	*	*	*	*	*	29·87	−·07	54	54	+4	SW	4	r	*	r	*	58	50	0·04
	Cape Gris Nez...	29·65	53	SW	6	r	29·78	+·03	54	52	0	NNW	1	o	2	r	*	57	50	0·59
	Paris	29·95	57	S	3	o	29·95	−·10	56	54	+8	SSW	3	o	*	o	*	64	48	—
	Brest	29·71	59	SSW	5	f	29·76	−·10	53	52	−4	NE	1	o	5	f	*	59	48	0·16
	Lorient... ...	29·82	59	SW	6	m	29·83	−·12	54	54	0	SW	6	f	6	m	*	63	48	0·16
FRANCE	Rochefort ...	30·03	64	SW	4	o	30·03	−·06	63	63	+5	SSW	4	c	*	o	*	66	58	?
	Belfort	30·07	54	WSW	1	m	30·09	−·10	52	49	+8	WSW	1	c	*	m	*	60	44	—
	Lyons														*		*			
	Nice	30·20	59	SSW	1	c	30·19	+·07	59	53	+2	2	0	b	1	c	*	70	54	—
	Perpignan ...	30·12	62	NE	3	o	30·16	−·04	59	59	+2	2	0	o	*	o	*	68	57	—
	Biarritz ...	30·02	66	N	2	c	30·00	−·08	56	54	+5	E	4	c	4	c	*	70	51	—
PENINSULA	Corunna ...																*			
	Lisbon														*		*			
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

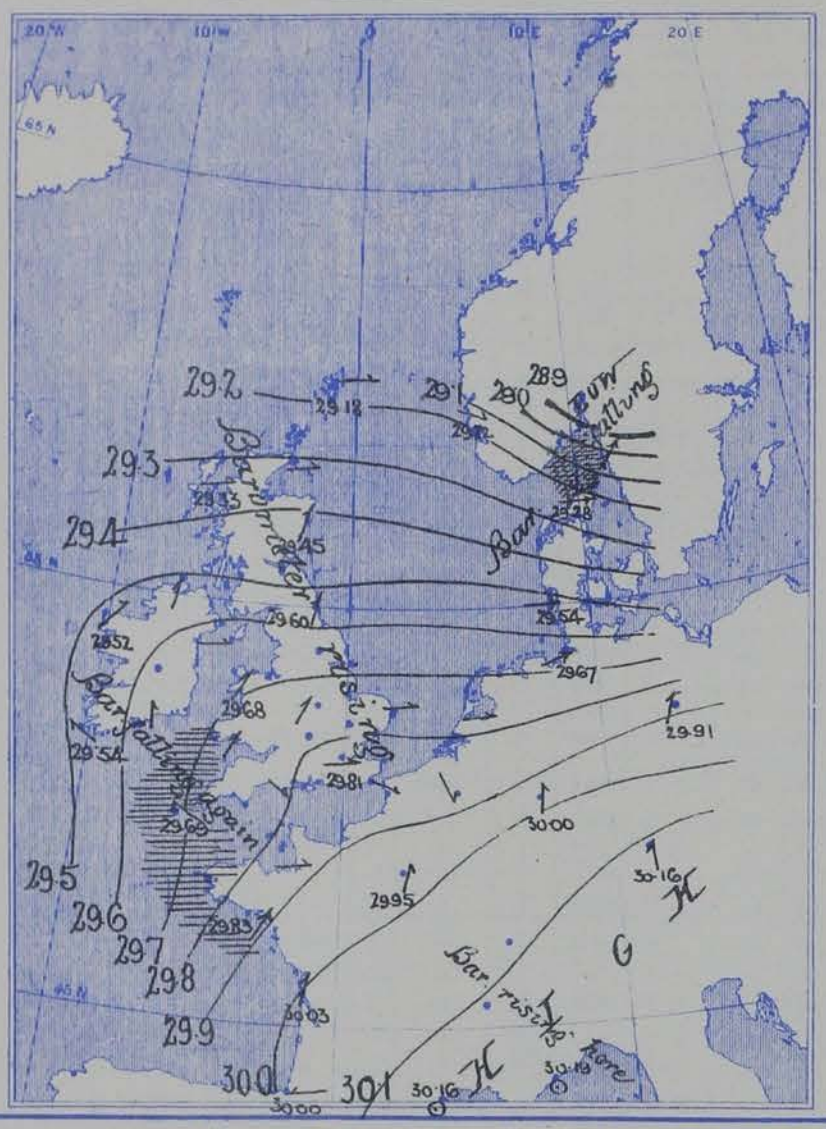
Bright Sunshine yesterday Southport 0·0 *hrs; Eastbourne* 0·0 *hrs; Hastings* 0·0 *hrs;* Brighton 0·0 *hrs.*

WEATHER CHARTS

FOR WEDNESDAY, 7TH OCTOBER, 1896.

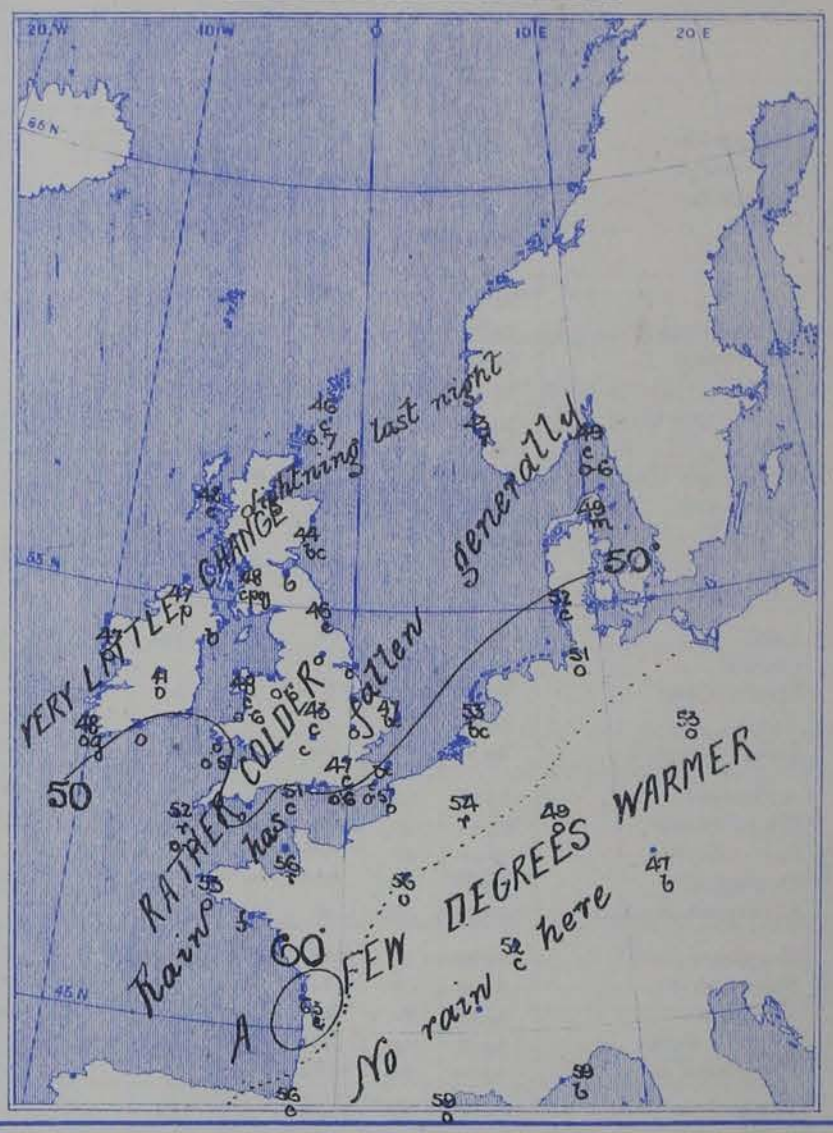
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; High



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 712	45 · 9	44 · 2	49 · 7	41 · 6	60	1882	26	1875	4 · 31	—	—
Stornoway	29 · 743	45 · 4	44 · 3	50 · 8	40 · 3	67	1895	26	1880	5 · 15	84 · 1	27
Wick	29 · 747	46 · 1	44 · 5	51 · 6	40 · 4	64	1883, 94	22	1885	3 · 14	—	—
Nairn	29 · 763	44 · 5	42 · 6	51 · 9	40 · 0	69	1895	20	1885	2 · 51	—	—
Aberdeen	29 · 779	45 · 4	43 · 4	52 · 3	41 · 1	74	1883	25	1880	3 · 05	97 · 5	31
Leith	29 · 805	46 · 4	44 · 5	54 · 5	41 · 4	69	1882	25	1894	2 · 03	—	—
Shields	29 · 826	46 · 9	45 · 1	53 · 2	42 · 2	67	1875, 76, 82, 90	27	1890, 92, 95	2 · 58	—	—
Spurn Head	29 · 847	48 · 8	47 · 3	53 · 3	45 · 5	66*	1882, 90, 95	33*	1887, 95	2 · 33	—	—
York	29 · 862	45 · 6	44 · 2	54 · 4	41 · 0	70	1883, 95	24	1880, 95	2 · 74	87 · 3	27
Loughborough	29 · 886	45 · 6	44 · 3	55 · 6	40 · 9	77*	1886	20*	1890	2 · 83	—	—
Ardrossan	29 · 813	47 · 6	45 · 7	53 · 5	43 · 4	67	1895	26	1880	3 · 82	—	—
Donaghadee	29 · 834	47 · 6	46 · 3	53 · 6	43 · 3	65	1895	21	1892	3 · 22	—	—
Holyhead	29 · 854	50 · 1	48 · 0	54 · 6	47 · 0	71	1886	32	1892	4 · 44	—	—
Liverpool	29 · 862	47 · 6	45 · 5	53 · 7	44 · 5	72	1886	27	1895	3 · 58	—	—
Parsonstown	29 · 877	45 · 5	43 · 9	54 · 6	40 · 4	68	1873	22	1880	3 · 12	97 · 1	30
Valencia	29 · 879	51 · 0	48 · 8	56 · 3	46 · 3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5 · 57	104 · 2	32
Roche's Point	29 · 876	49 · 9	48 · 1	55 · 7	45 · 8	65	1880, 84, 86	32	1881	4 · 16	—	—
Pembroke	29 · 875	51 · 0	49 · 1	54 · 7	47 · 8	66	1872, 86	33	1895	4 · 11	103 · 4	32
Scilly	29 · 892	53 · 6	51 · 5	56 · 6	50 · 0	69	1895	38	1895	3 · 77	—	—
Prawle Point	29 · 910	51 · 0	49 · 0	56 · 5	46 · 1	68*	1882	29*	1887	3 · 78	—	—
Jersey	29 · 913	53 · 3	50 · 6	58 · 3	48 · 7	73	1876	33	1887	4 · 70	127 · 4	39
Hurst Castle	29 · 906	50 · 7	49 · 1	57 · 1	45 · 8	72	1874	27	1887	3 · 60	—	—
Dover	29 · 898	50 · 2	48 · 4	56 · 3	46 · 1	70	1886	23	1890	3 · 43	—	—
LONDON	29 · 907	47 · 5	45 · 9	56 · 6	42 · 7	80	1886	24	1890	2 · 82	70 · 1†	22†
Oxford	29 · 907	46 · 0	44 · 7	55 · 4	42 · 0	76	1886	22	1873	2 · 75	101 · 7	31
Cambridge	29 · 895	46 · 3	45 · 3	56 · 4	40 · 9	80	1886	23	1895	2 · 41	104 · 4	32
Yarmouth	29 · 874	49 · 1	47 · 6	54 · 3	44 · 6	68	1876	27	1895	3 · 11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards in an anticyclone lying over the southern parts of France and Germany.
Lowest 28.9 ins. and less in a deep depression over the S. of Norway; 29.5 ins. and less in another disturbance approaching our southwest coasts.
Gradients moderate or slight over W.rn Europe generally, but very steep off the extreme S. of Norway.
Barometer rising in all the more N.rn and E.rn parts of our Islands, but falling again on our SW. coasts; falling at most of the Continental stations.

TEMPERATURE

Highest 63° at Rochefort, 59° at Nice and Perpignan, and 56° at Jersey, Paris and Biarritz.
Lowest 41° at Donaghadee and Parsonstown, 42° at Stornoway and York, and 43° at Nairn & Loughborough.
During last night the thermometer in the screen fell to 33° at Aberdeen, and to 37° at Nairn and Parsonstown. At Oxford the thermometer on the grass fell to 31°.

WIND

Moderate from the W.rly or SW.rly over the greater part of our Islands, but back to the SE.rly on our extreme southwest coasts.
S.rly or SW.rly at most of the French and German stations, but calm in the S. of France; strong to a gale from the W.rly or SW.rly in Denmark and the south of Norway.
A fresh to strong gale from the S.rly was experienced yesterday over the Channel and S.E. of England.

WEATHER

Fine in the N. and E. of our Islands generally, but showery at Ardrossan and Malin Head.
Dull on our southwest coasts, with slight rain at Scilly. Cloudy or dull at most of the Continental stations, with rain at Skudenaes.
Heavy rain fell yesterday in many parts of NW.rn Europe, the largest amounts being 0.8 in. at the Helder, 0.7 in. at Sandwick H.d and Scilly. Lightning was seen at Skudenaes, Wick & Spurn H.d.

SEA

Very high at Faerder, and rough at the mouths of the English and Bristol Channels, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which was approaching our SW. coasts yesterday morning, and which proved of a "V shaped" character has since travelled NE.wds across England and the North Sea. A new disturbance is now advancing from the SW.wd, and squally, rainy weather seems likely to set in again over all the more southern parts of the Kingdom.

FORECASTS

For the 24 hours ending at NOON on 8TH OCTOBER 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W.ly to SW.ly winds, moderate; fair at first, showery later.
1 SCOTLAND EAST	SW.ly to S.ly or SE.ly winds, freshening; fair at first, some rain later.
2 ENGLAND N.E.	
▼ 3 ENGLAND EAST	Wind backing to the S.rly and increasing; fair at first, then squally and rainy.
4 MIDLAND COUNTIES	
▼ 5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos. 1 and 2.
▼ 7 ENGLAND N.W.	
▼ 8 ENGLAND S.W.	SE.ly to S.ly or W.ly winds increasing to a gale, squally, rainy.
▼ 9 IRELAND NORTH	Same as Nos. 1 and 2.
▼ 10 IRELAND SOUTH	SE.ly winds increasing with rain, then shifting to W. or NW. with improving weather.
WARNINGS	At Noon yesterday to part of district 5 and at 3.50 pm to district 3. Hoist South Cone. The signals are now flying in districts 3, 5, 8, 10 and parts of 4, 7 & 9.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.37	50	45	SSW	7	r	5
Sumburgh Head	29.02	45	43	WSW	4	r	6
Stornoway ...	29.10	46	45	W	5	r	5
Aberdeen ...	29.27	49	43	SW	6	bq	5
Shields ...	29.41	49	46	SW	3	om	2
Ardrossan ...	29.29	49	49	SSW	5	o	4
Malin Head ...	29.27	45	42	SSW	4	c	2
Belmullet ...	29.37	49	43	W	4	b	*
Holyhead ...	29.38	47	46	L	0	rgm	0

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia ...	29.42	51	47	NW	4	c	4
Scilly ...	29.47	57	57	S	7	r	6
Jersey ...	29.81	60	57	SSW	6	o	5
Hurst Castle ...	29.65	56	55	SW	7	rm	4
Dungeness ...	29.70	56	55	SSW	8	r	7
North Foreland	29.73	55	53	SW	4	r	3
London (Westminster)	29.64	55	53	SW	5	or	*
Yarmouth ...	29.65	53	51	SSW	4	org	4
Rochefort ...	30.08	61	59	SW	4	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental information not yet received

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky ; c. detached clouds ; d. drizzling rain ; f. fog ; g. dark, gloomy ; h. hail ; l. lightning ; m. misty (hazy) : o. overcast ; p. passing showers ; q. squally ; r. rain ; s. snow ; t. thunder ; u. ugly, threatening ; v. visibility, unusual transparency ; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France ; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS : For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
,, Weekly ,, ,, ,, £1 10 0 ,,

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 8th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...														*		*			
	Hernösand ...														*		*			
	Stockholm ...														*		*			
	Wisby														*		*			
	Karlstad ...														*		*	*	*	
	Bodö	29.28	47	SW	4	o	29.48	+.16	45	44	- 1	SW	6	r	3	o	*	47	43	0.12
	Christiansund ...	29.53	48	WSW	3	bc	29.73	+.50	45	42	+ 2	SE	3	bc	4	bc	*	48	43	-
	Skudesnaes ...	29.68	50	WSW	2	o	29.59	+.37	48	45	+ 5	E	6	r	4	r.o	*	50	39	*
	Færder (Christiania Fjord)	29.67	51	WSW	6	b	29.84	+.44	50	48	+ 1	S	2	o	4	b	*	52	49	-
	Skagen (The Scaw)	29.82	50	WNW	3	b	29.86	+.58	50	49	+ 1	SSE	3	r	1	b	*	54	45	0.08
	Fanö	29.86	52	WSW	4	o	29.76	+.22	55	55	+ 3	SSW	6	b	*	o	*	57	50	0.04
BRITISH ISLANDS.	Sumburgh Head	29.49	46	W	2	bc	29.13	-.05	46	45	0	E	7	r	7	c.bc	*	51	43	0.11
	Stornoway ...	29.44	46	W	0	o	28.80	-.52	49	49	+ 7	E	6	o	6	c.o	7.7	52	40	0.15
	Wick	29.52	50	W	1	bc	28.89	-.43	53	53	+ 9	S	4	cu	6	bc.r	*	53	43	0.50
	Nairn	29.47	46	W	1	b	28.84	-.54	48	48	+ 5	W	0	c	1	b	*	54	41	0.21
	Aberdeen ...	29.55	49	S	2	ogm	28.98	-.47	55	54	+ 11	SSE	7	cgu	7	bc.gr	7.2	57	44	0.45
	Leith	29.51	48	SE	1	o	28.90	-.57	55	53	+ 9	S	6	r	*	o.r	*	57	39	0.61
	Shields	29.60	48	S	4	r	29.09	-.51	57	52	+ 11	S	7	c	3	om.r	*	60	42	0.26
	Spurn Head ...	29.59	49	SSE	5	op	29.31	-.39	56	55	+ 10	S	6	o	5	c.p	*	59	46	0.03
	York	29.61	45	SSE	1	r	29.22	-.46	56	52	+ 14	SSW	5	b	*	or	0.0	59	40	0.47
	Loughborough ...	29.59	47	SE	3	r	29.35	-.41	56	52	+ 13	SSW	6	c	*	c.dq.p	*	61	43	0.13
	Ardrossan ...	29.42	46	E	4	rm	28.75	-.78	55	54	+ 7	SSE	9	cpm	6	om.r	*	55	45	0.51
	Malin Head ...	29.27	44	SE	5	or	?	?	51	51	+ 4	?	?	c	3	o.r	*	57	40	0.39
	Belmullet ...	29.07	42	E	9	or	28.58	-.94	51	50	+ 4	WSW	2	o	*	or	*	52	45	1.07
	Donaghadee ...	29.33	54	ESE	6	r	28.74	-.87	54	50	+ 13	SSW	8	oq	6	o.r	*	57	38	0.70
	Liverpool (Bidston)	29.41	44	ESE	6	r	29.11	-.60	56	49	+ 11	SSW	7	b	5	r	*	60	42	0.19
	Holyhead ...	29.24	55	S	7	rgm	29.00	-.68	54	50	+ 6	SSW	9	c	7	rg.gm	*	58	43	1.98
	Parsonstown ...	28.99	57	S	3	r	28.78	-.84	50	49	+ 9	SW	4	orq	*	[illegible]	0.0	59	39	0.42
	Valencia ...	28.88	59	S	6	ogm	28.91	-.63	51	49	+ 3	SW	8	ogm	6	oqr.b.l	0.0	60	42	0.86
	Roche's Point ..	29.06	58	SSW	8	r	29.01	-.62	53	50	+ 2	WSW	8	c	7	r	*	60	46	1.55
	Pembroke (St. Ann's Hd.)																			
	Scilly	29.34	59	S	7	m	29.36	-.33	54	52	+ 2	SW	8	c	9	om	0.0	60	48	0.30
	Prawle Point ...	29.56	58	SSW	8	o	29.47	-.30	56	53	+ 7	SW	8	c	7	opq	*	59	46	0.37
	Jersey (St Aubin's)	29.74	62	SSW	4	o	29.66	-.17	59	56	+ 3	SSW	7	o	6	op	*	62	55	0.11
	Hurst Castle ...	29.65	61	SSW	6	o	29.55	-.25	59	56	+ 8	SW	7	om	5	am.r	*	62	48	0.12
	Dungeness ...	29.72	61	SSW	4	c	29.59	-.23	61	59	+ 8	S	7	cq	6	r.c	*	62	52	0.07
	North Foreland	29.73	62	SSW	5	oqp	29.60	-.22	63	58	+ 12	S	5	oq	3	oqp	*	63	49	0.04
	London (Brixton) ...	29.66	60	SW	4	o	29.55	-.26	57	54	+ 10	SW	4	o	*	bc,or.oq	1.3	62	45	0.20
	Oxford	29.56	60	S	4	r	29.45	-.35	57	53	+ 12	S	4	oq	*	orq	*	62	44	0.31
	Cambridge ...	29.62	54	SE	3	d	29.48	-.33	57	53	+ 13	SSW	5	o	*	c.dm	1.5	62	43	0.15
	Yarmouth ...	29.69	51	SE	6	rqu	29.52	-.25	60	57	+ 13	SSW	6	cq	5	cr.qr	*	60	45	0.18
GERMANY & HOLLAND.	Cuxhaven ...	29.91	52	WSW	1	o	29.82	+.15	57	56	+ 6	S	4	b	*	o	*	59	50	0.08
	Berlin	30.05	57	S	2	o	30.06	+.15	53	51	0	SSE	2	b	*	o	*	64	52	-
	Wiesbaden ...	*	*	*	*	*	30.03	+.03	49	47	0	W	0	b	*	*	*	61	46	0.04
	Munich... ..	30.18	52	W	0	b	30.12	-.04	43	42	- 4	SE	2	b	*	b	*	66	41	-
	The Helder ...	29.81	52	ESE	2	r	29.70	-.06	57	55	+ 4	S	3	o	?	r	*	59	52	0.20
BELGIUM.	Brussels ...	*	*	*	*	*	29.80	-.07	60	56	+ 6	SSE	4	f	*	bc	*	62	54	0.04
	Cape Gris Nez...	29.73	60	SW	5	o	29.61	-.17	58	55	+ 4	SW	5	bc	5	o	*	61	52	-
	Paris	29.93	60	S	2	bc	29.83	-.12	53	52	- 3	SSE	2	bc	*	bc	*	65	53	-
	Brest	29.65	59	S	5	bc	29.59	-.17	58	54	+ 5	SW	5	c	7	bc	*	61	52	0.16
	Lorient... ...	29.86	56	SW	5	c	29.69	-.14	55	55	+ 1	SW	5	o	6	c	*	61	50	0.08
FRANCE &	Rochefort ...	29.94	64	S	2	bc	29.85	-.18	60	60	- 3	S	4	bc	*	b.bc	*	72	59	-
	Belfort	30.04	63	W	0	bc	30.02	-.07	49	49	- 3	W	0	m	*	bc	*	69	47	-
	Lyons	30.06	62	S	2	bc	30.02	-.12	62	59	+ 7	SSW	2	b	*	bc	*	73	55	-
	Nice	30.15	59	W	0	c	30.15	-.04	55	54	- 4	W	0	b	0	c	*	68	54	-
	Perpignan ...	30.07	63	NE	2	o	29.99	-.17	52	52	- 7	SW	1	b	*	o	*	66	51	-
	Biarritz ...	29.89	72	SE	3	b	29.86	-.14	71	59	+ 15	W	5	b	2	b	*	82	56	-
PENINSULA.	Corunna ...																*			
	Lisbon	30.02	61	W	4	b	30.04	-.08	61	59	+ 4	S	1	o	*	b	*	72	57	-
	Azores (P. Delgada)	30.03	67	NNE	3	bc	30.09	+.14	64	59	- 8	N	3	bc	2	bc	*	75	61	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

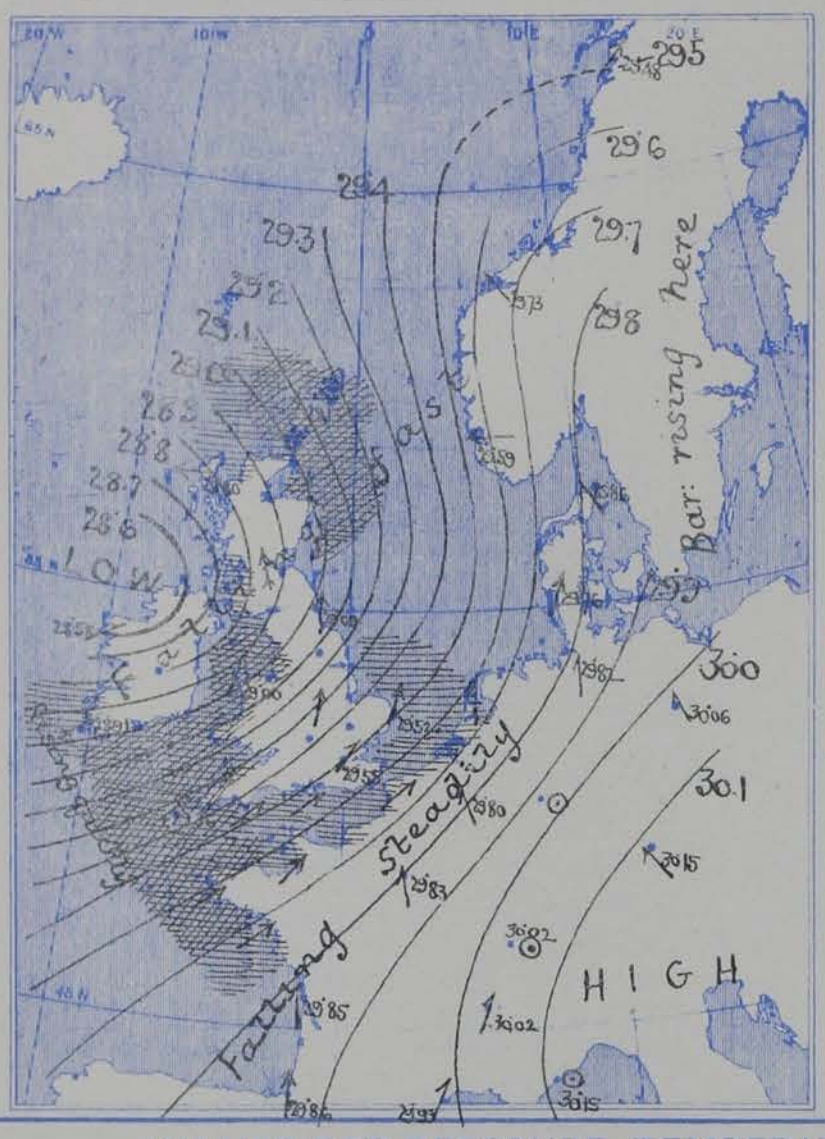
Bright Sunshine yesterday Southport 0.0 hrs; Eastbourne 0.0 hrs; Hastings 0.2 hr., Brighton 0.0

WEATHER CHARTS

FOR Thursday 8th October, 1896.

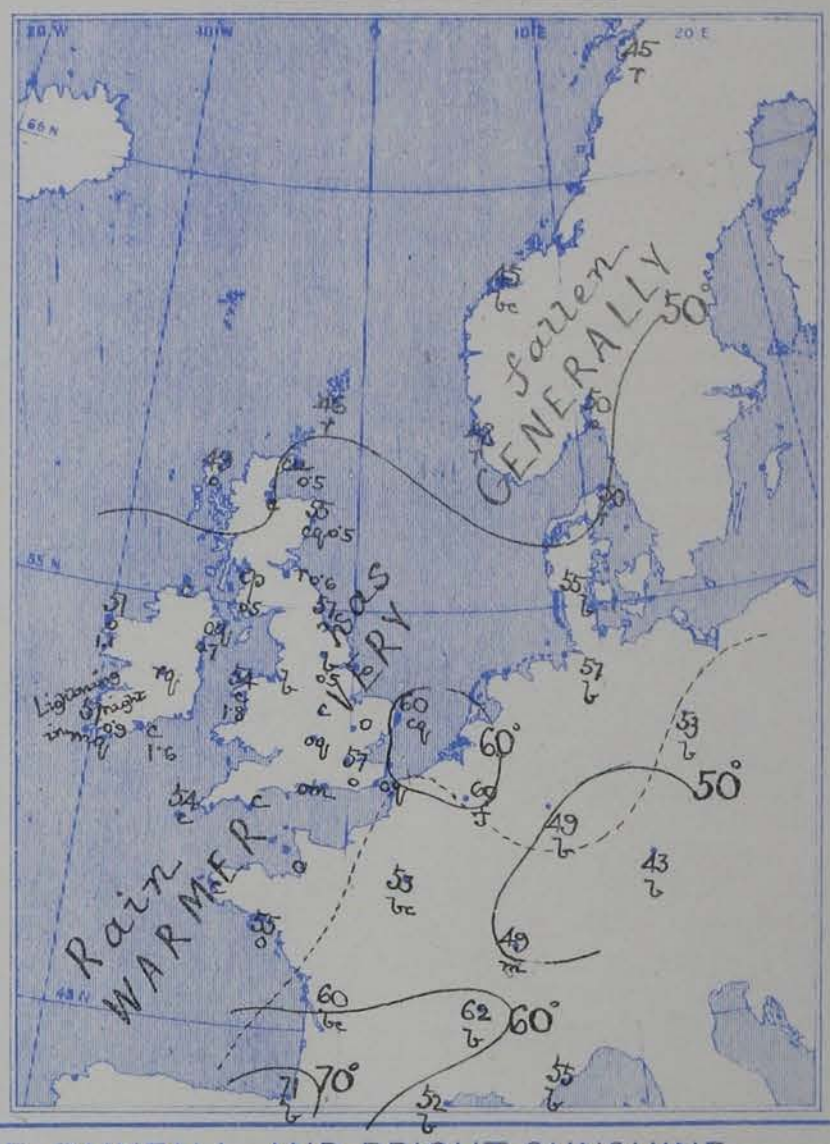
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—*Rough* ▒ : *High* ▓



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·4	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	30
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in: and upwards over South Germany; 30·0 in: and upwards in Portugal.
Lowest, 28·6 in: and less, in a deep depression having its centre off the northwest of Ireland.
Gradients steep over our Islands and the North Sea, but moderate or slight elsewhere.
Barometer falling quickly on our northern coasts, but rising again in the south, falling a little in France and Germany.

TEMPERATURE

Highest, 71° at Biarritz, 63° at the North Foreland, 62° at Lyons, 61° at Dungeness, and 60° at Dunsels and Rochefort.
Lowest, 45° at Bodö and Christiansund, 46° at Lerwick, 48° at Nairn, and 49° at Stornoway.
During yesterday the thermometer rose to 60° or a little above it at many of the English stations and also in the south of Ireland.

WIND

Strong to a gale from the S.ly or SW.ly over the greater part of our Islands, but from the E.ly in the Shetlands and Hebrides, as well as in the south of Norway.
Light to moderate from the S.ly in France and from the SE.ly in Germany.
A hard gale blew last night on many parts of our coasts.

WEATHER

Cloudy and squally over the United Kingdom generally, with showers in a few places, raining at Bodö, Skudesnaes, and the Skaw.
Fine at most of the French, German and Danish stations.
Rain fell yesterday over nearly the whole of Northwestern Europe;—heavily in the west of our Islands; at Belmullet the amount measured this morning was 1·1 in:, at Rocks Point 1·6 in:, and at Holyhead 1·8 in:. Lightning was seen at Valencia last night.

SEA

Very high at Scilly, high on most parts of our western and northern coasts, and rough in the east and south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the northwest seems likely to move northwards, and the gales on our coasts will probably subside gradually. The general appearance is, however, still very unsettled.

FORECASTS

For the 24 hours ending at NOON on 9th Oct.r 1896.

DISTRICTS.	FORECASTS.
↑ SCOTLAND NORTH	SE.ly to S.ly gales, moderating later; squally, rain at times.
↑ SCOTLAND EAST; ↑ ENGLAND N.E.	S.ly gales, moderating later, squally, showery.
↑ ENGLAND EAST; 4 MIDLAND COUNTIES; ↑ ENGLAND SOUTH	S.ly and SW.ly winds, strong; squally, some showers.
↑ 6 SCOTLAND WEST; ↑ 7 ENGLAND N.W.	S.ly to SW.ly gales, moderating later; squally, showery.
8 ENGLAND S.W.; ↑ 9 IRELAND NORTH; 10 IRELAND SOUTH	SW.ly gales, moderating gradually; squally, showery.
WARNINGS	At 3·10 pm yesterday to districts 0 to 2, 6, and parts of 7 and 9 "Hoist South Cone". The signals are also flying in district 3 and part of 5

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.49	50	46	W	8	r	5
Sumburgh Head	29.40	48	46	W	3	c	4
Stornoway	29.44	52	49	W	3	c	3
Aberdeen	29.56	56	46	S	3	bc	2
Shields	29.64	52	47	SSW	2	om	2
Ardrossan	29.55	50	49	SW	3	o	2
Malin Head ...	29.44	47	44	S	3	o	2
Belmullet	29.37	44	42	SSE	4	or	*
Holyhead	29.55	46	44	SE	4	grm	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	28.98	55	53	ESE	9	rq	7
Scilly	29.40	60	59	S	7	orm	6
Jersey	29.76	62	61	S	4	o	4
Hurst Castle ...	29.67	59	58	S	5	bm	3
Dungeness ...	29.74	58	58	SSE	3	r	2
North Foreland	29.77	59	58	SSE	3	o	2
London (Westminster)	29.74	52	49	SSE	1	gbm	*
Yarmouth ...	29.79	52	48	S	3	cv	3
Rochefort ...	30.00	70	65	SSW	3	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fair over the northern and eastern parts of our Islands generally, but showery at Ardrossan and Malin Head; dull on our southwest coasts, with slight rain at Scilly. Fine in most of the southern countries and also over Central Russia; cloudy over the northern and central parts of the Continent, with rain in the south of Scandinavia and also at Ulealeaborg, Münster, and Brussels. Rainy weather spreading later over the whole of our Islands and their immediate neighbourhood; amounts large at many western stations; lightning seen at Valencia.

Temperature fallen over England as well as over the eastern parts of the Continent. Morning readings highest 72° at Barcelona and Palma, 70° at Algiers and Sfax, and 69° at Pindizi; above 60° at the Mediterranean and Adriatic stations generally. Lowest, (1) 41° at Daagfaden and Parsontown, and 42° at Stornoway and York (2) 41° at Hernösand; (3) 42° at Cracow and 43° at Warsaw. Rising later to between 60° and 63° over the greater part of England and also in the south of Ireland; exceeding 70° at some of the southern French stations, and reaching 81° at Biarritz.

Wind moderate from the W.ly or SW.ly over the greater part of our Islands, the Netherlands, and the north of France, but from the SE.ly on our extreme southwest coasts. Strong to a gale from N. in Denmark, and from the S.ly over North Germany, the Baltic, and the south of Scandinavia, moderate from the SW.ly over the northern parts of Russia and Scandinavia. Calm in Austria and the south of Russia, as well as in the extreme south of France; N. or NW. in Italy, NE. in Spain. Subsequently increasing to a gale from the S.ly over Great Britain and from the SE.ly or E.ly in Ireland.

Barometer highest 30·3 in. and upwards in the south of Russia, 30·1 in. and upwards over the southern and eastern parts of Europe generally. Lowest 28·9 in. and less, in a small but deep depression with its centre near Christiania; 29·2 in. and less, in a shallow system off the north of Scotland; 29·5 in. and less, in another disturbance approaching our southwest coasts. Norwegian depression subsequently moving northeastwards. New disturbance in southwest proving large and deep, and barometer falling rapidly on our western coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
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DAILY WEATHER REPORT

for 8 a.m. on Friday, 9th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	29.78	43	NW	2	b	29.59	+.19	48	48	- 6	SSW	4	r	*	b	*	50	32	0.24
	Hernösand ...	29.85	44	S	4	o	29.67		47	47		S	4	f	*	o	*	57	39	-
	Stockholm ...	29.96	52	S	2	o	29.85	-.13	54	52	+ 8	S	4	bc	*	o	*	54	43	-
	Wisby	30.03	55	S	4	b	29.94	-.13	56	54	+ 5	S	4	b	*	b	*	56	45	-
	Karlstad ...	29.81	53	SSW	2	b	29.77	-.16	54	53	+ 8	SW	2	o	*	b	*	*	*	-
	Bodo	29.62	44	S	2	b	29.32	-.16	49	46	+ 4	S	2	c	1	b	*	49	41	0.24
	Christiansund ...	29.32	51	ESE	2	c	29.31	-.42	52	46	+ 7	SSW	3	c	3	c	*	52	45	-
	Skudesnaes ...	29.48	56	SSE	10	o	29.51	-.08	54	50	+ 6	SSE	10	o	7	r.o	*	56	41	*
	Færder (Christiania Fjord)	29.67	57	SSE	5	o	29.67	-.17	56	55	+ 6	SSW	5	o	4	o	*	57	50	0.04
	Skagen (The Skaw)	29.77	55	S	3	b	29.78	-.08	55	54	+ 5	SW	3	o	1	b	*	57	50	0.04
	Fanö	29.75	58	SSW	4	b	29.81	+.05	56	55	+ 1	SW	4	c	*	b	*	64	55	-
BRITISH ISLANDS	Sumburgh Head	28.92	52	SSE	5	o	29.04	-.09	50	48	+ 4	SSW	2	o	5	o	*	55	46	0.28
	Stornoway	28.68	51	S	6	r	29.10	+.30	46	46	- 3	NNE	5	r	5	or	0.2	52	43	0.50
	Wick	28.82	53	SE	5	o	29.04	+.15	50	50	- 3	W	1	r	3	o	*	56	49	0.20
	Nairn	28.82	52	SSW	3	c	29.01	+.17	52	48	+ 4	WSW	3	c	1	c	*	60	47	-
	Aberdeen ...	28.95	52	S	9	ogpu	29.16	+.18	51	47	- 4	SSW	9	cgpu	7	c.ogp	2.0	57	49	0.03
	Leith	29.01	50	WSW	4	c	29.28	+.38	50	46	- 5	WSW	3	o	*	c	*	59	48	0.01
	Shields	29.21	54	SSW	8	b	29.45	+.36	53	48	- 4	SSW	6	bcg	3	bc, b	*	60	48	-
	Spurn Head ...	29.44	56	SSW	7	c	29.68	+.37	52	51	- 4	S	5	b	5	cg	*	61	49	-
	York	29.38	55	S	4	b	29.59	+.37	50	47	- 6	S	3	b	*	b	5.3	60	46	-
	Loughborough ...	29.52	53	SW	5	c	29.72	+.37	48	46	- 8	SSW	4	b	*	bc.gp.b	*	61	46	0.01
	Ardrossan ...	28.96	52	S	9	p	29.31	+.36	51	50	- 4	SSW	8	o	6	op	*	55	49	0.51
	Malin Head ...	28.68	50	SSW	6	op	29.21	+.74	49	48	- 2	W	6	or	2	op	*	55	48	0.28
	Belmullet ...	28.94	49	WSW	9	o	29.49	+.91	49	46	- 2	W	3	o	*	c, o	*	53	46	0.40
	Donaghadee ...	29.04	50	SW	8	o	29.39	+.65	48	46	- 6	SW	7	c	5	o	*	55	46	0.02
	Liverpool (Bidston)	29.36	51	SW	6	b	29.61	+.50	52	46	- 4	SW	3	b	3	b, p	*	59	48	0.03
	Holyhead ...	29.29	53	SW	8	cgpm	29.57	+.57	53	47	- 1	SW	6	c	5	cgpm	*	56	47	0.02
	Parsonstown ...	29.23	47	SW	3	bc	29.55	+.77	45	45	- 4	S	1	or	*	rg.bc	1.1	52	46	0.31
	Valencia ...	29.35	51	SW	5	bcpm	29.62	+.71	49	48	- 2	SW	1	op	3	ogp	0.4	54	47	0.16
	Roche's Point ...	29.37	50	WSW	6	bcg	29.64	+.63	50	48	- 3	WSW	2	b	5	bc	*	55	49	0.10
	Pembroke (St. Ann's Hd.)	29.45	54	W	7	bc	29.67	+.62	54	51	+ 4	W	7	cg	6	r.bc	4.3	54	46	0.43
	Scilly	29.58	54	SW	6	cp	29.72	+.36	52	50	- 2	SSW	4	cp	5	c.cp	7.6	59	49	0.12
	Prawle Point ...	29.63	56	SW	6	bc	29.79	+.32	55	51	- 1	SW	5	bc	4	bcg.l	*	58	48	-
	Jersey (St. Aubin's)	29.75	60	SW	5	og	29.88	+.22	58	54	- 1	SW	4	c	4	c.og	*	63	55	-
	Hurst Castle ...	29.66	59	SW	6	omw	29.82	+.27	57	52	- 2	SW	5	bc	3	omw	*	62	56	-
	Dungeness ...	29.68	60	SSW	6	o	29.84	+.25	58	55	- 3	SW	4	c	3	c, o	*	62	55	-
	North Foreland	29.72	58	S	4	og	29.86	+.26	55	52	- 8	SSW	2	c	2	o.og	*	63	52	-
	London (Brixton) ...	29.67	56	SW	3	c	29.85	+.30	49	47	- 8	S	2	b	*	c. cp.bw	0.9	62	48	-
	Oxford	29.63	54	SW	4	c	29.80	+.35	51	48	- 6	SSW	3	b	*	o.c.b	*	61	48	-
	Cambridge ...	29.62	56	SSW	4	o	29.81	+.35	50	48	- 7	SSW	2	bw	*	c.og	3.1	63	46	-
	Yarmouth ...	29.61	58	SSW	4	bc	29.81	+.29	53	50	- 7	SSW	3	bc	3	cg.bc	*	61	49	-
GERMANY & HOLLAND	Cuxhaven ...	29.76	63	SSE	4	c	29.88	+.06	56	56	- 1	S	3	o	*	c	*	70	54	-
	Berlin	29.99	61	SSW	3	b	30.01	-.05	52	51	- 1	SE	2	b	*	b	*	72	52	-
	Wiesbaden ...	*	*	*	*	*	30.04	+.01	50	49	+ 1	Z	0	b	*	*	*	66	49	-
	Munich... ..	30.08	63	Z	0	b	30.14	+.02	51	49	+ 8	W	1	b	*	b	*	64	43	-
	The Helder ..	29.74	58	SW	3	o	29.86	+.16	58	56	+ 1	SSW	3	r	1	o	*	66	57	-
FRANCE & BELGIUM	Brussels ...	*	*	*	*	*	29.97	+.17	55	53	- 5	SW	2	o	*	o	*	69	54	-
	Cape Gris Nez...	29.70	57	SW	5	o	29.83	+.22	56	55	- 2	SW	4	o	4	o	*	59	55	-
	Paris	29.86	61	SW	2	b	29.99	+.16	55	55	+ 2	S	1	r	*	b	*	71	53	0.20
	Brest	29.75	55	SW	4	c	29.82	+.23	56	54	- 2	S	3	bc	5	c	*	59	50	-
	Lorient	29.80	57	SW	4	o	29.81	+.12	54	54	- 1	SW	2	o	2	o	*	61	52	-
	Rochefort ...	29.91	64	W	3	o	29.95	+.10	57	57	- 3	SE	1	r	*	b, o	*	73	54	0.32
	Belfort	29.94	64	WSW	4	b	30.03	+.01	53	50	+ 4	Z	0	bc	*	b	*	73	49	-
	Lyons ...	30.00	63	S	2	b	30.02	-.00	60	55	- 2	S	3	b	*	b	*	73	55	-
	Nice	30.11	60	Z	0	bc	30.13	-.02	57	54	+ 2	Z	0	b	1	bc	*	70	55	-
	Perpignan ...	29.93	69	SE	3	b	30.00	+.01	54	54	+ 2	S	2	b	*	b	*	82	52	-
	Biarritz ...	29.90	66	NNW	4	c	29.88	+.02	59	57	- 12	SSE	3	c	6	c	*	81	57	-
PENINSULA	Corunna ...																*			
	Lisbon	29.98	62	NNW	2	o	30.01	-.03	61	59	0	WSW	3	o	*	o	*	72	59	0.04
	Azores (P. Delgada)	30.13	63	NNE	3	b	30.10	+.01	62	59	- 2	NE	3	o	2	b	*	73	61	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

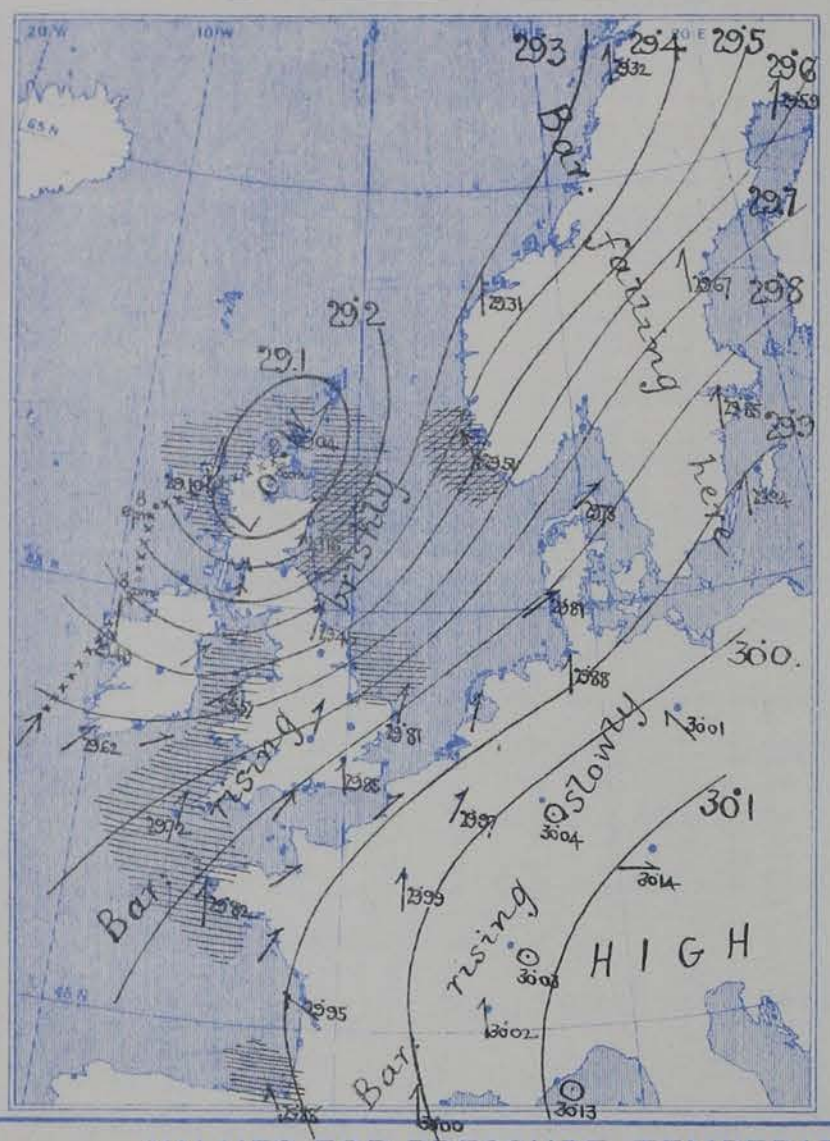
Bright Sunshine yesterday Southport 5.9 hrs; Eastbourne 0.1 hrs; Hastings 0.0, Brighton 0.8 hr.

WEATHER CHARTS

FOR Friday, 9th October, 1896.

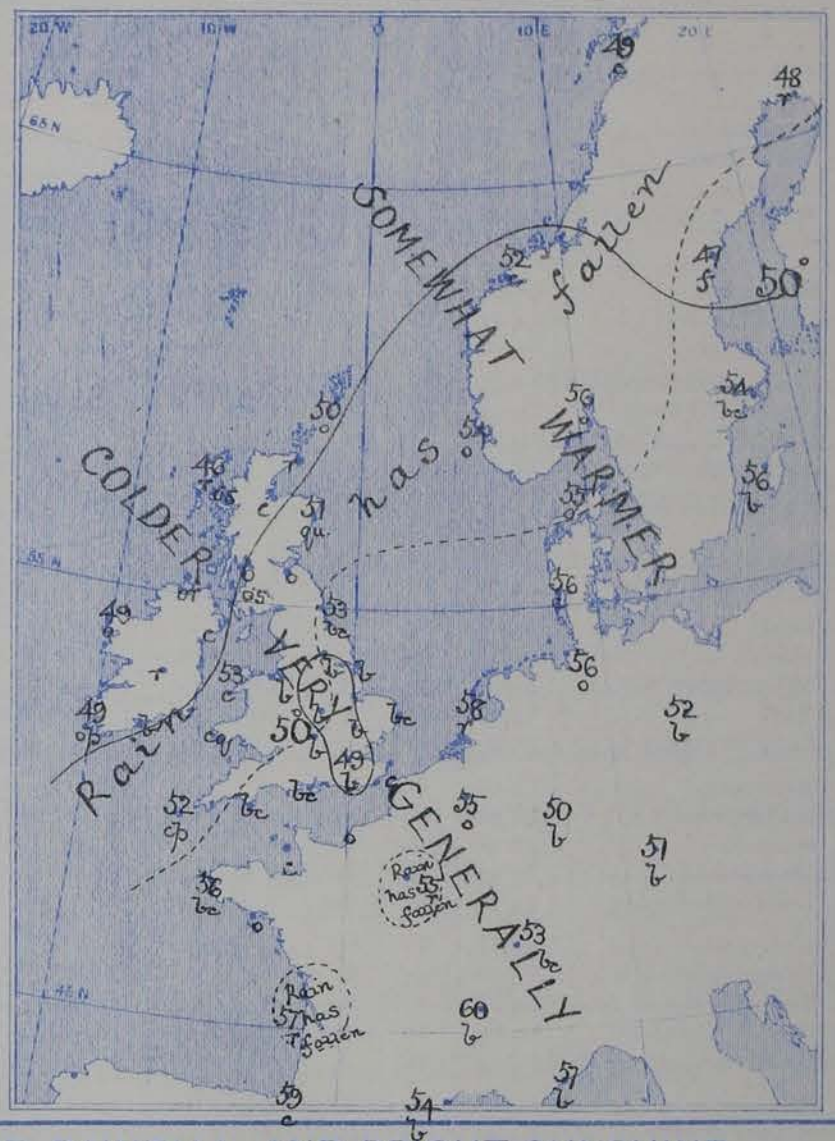
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; } Calm ⊙
SEA—*Rough* ▒ ; *High* ▓



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—{ *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus*—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins. over South Germany, Switzerland, and the southeast of France.
Lowest, 29·1 ins. and less, in a well marked depression lying over the north of Scotland.
Gradients steep over the North Sea and the northern part of Great Britain, rather steep over Scandinavia, moderate or slight elsewhere.
Barometer rising at all but the Scandinavian stations.

TEMPERATURE

Highest, 60° at Lyons, 59° at Biarritz, 58° at Jersey, Dungeness, and the Helder, and 57° at Mount Cenis, Rochefort, and Nice.
Lowest (1) 46° at Stornoway and Parsonstown, 48° at Donaghadee and Loughborough, and 49° in London; (2) 47° at Hernösand and 48° at Haparanda.
During yesterday the thermometer rose to 60° or a little more in several part of Great Britain; at the Irish stations it did not exceed 55°.

WIND

Chiefly S. or SW., strong to a gale in force over the north of Ireland and the south and east of Scotland. A whole gale from SSE. is reported at Shoeburness.
Moderate to fresh from the N.W. at Stornoway and Belmullet. Light and variable over Germany.
A strong to whole gale from the S. or SW. was experienced yesterday over the northern parts of our Islands generally.

WEATHER

Fine over England and also over Germany and the south of Sweden.
Cloudy or overcast in nearly all other parts of our area, with rain in several isolated places.
Rain fell yesterday in the west and north of our Islands generally, the largest amount being 0·5 in. at Stornoway and Androssan.
A Solar halo was seen at Oxford, and lightning at Valencia (Ireland) in the night.

SEA

High at Shoeburness and Aberdeen, rough or rather so on our eastern and northern coasts generally and in the Bay of Biscay.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression of yesterday is moving northeastwards across the north of Scotland, and is at the same time rapidly filling up. There are at present no distinct indications of the advance of any fresh disturbance, but the appearance in the southwest is still far from settled.

FORECASTS

For the 24 hours ending at NOON on 10TH OCTOBER, 1896.

DISTRICTS.	FORECASTS.
↓ 0 SCOTLAND NORTH	Variable breezes, finally W.; rainy at first then fair.
↓ 1 SCOTLAND EAST	SW. gales, moderating later; unsettled, some showers.
↓ 2 ENGLAND N.E.	Same as No 5.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	SW. to S. winds; fine at first, some rain later.
↓ 6 SCOTLAND WEST	Same as No 1.
↓ 7 ENGLAND N.W.	Same as No 5
8 ENGLAND S.W.	
↓ 9 IRELAND NORTH	W. to S. winds, freshening; unsettled, some rain.
10 IRELAND SOUTH	
WARNINGS	The South Cone is still flying in districts 0 to 2, 6, and parts of 7 and 9.

Note.—The **South Cone**, *point downwards* (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.44	56	55	SSE	10	r	6
Sumburgh Head	28.96	53	52	SE	4	o	6
Stornoway	28.67	52	52	S	4	r	4
Aberdeen	28.94	54	49	S	8	o q p u	8
Shields	29.12	59	51	SSW	7	bc	3
Ardrossan	28.87	55	55	S	9	o	5
Malin Head ...	28.67	52	50	SSW	5	o	2
Belmullet	28.81	50	49	W	6	c	*
Holyhead	29.16	54	50	SW	9	c q p m	8*

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.25	53	49	WSW	7	o q p	6
Scilly	29.51	58	53	SSW	6	c	7
Jersey	29.72	63	57	SW	5	c	5
Hurst Castle ...	29.65	61	57	SW	6	o m	—
Dungeness ...	29.64	60	57	SSW	8	c	7
North Foreland	29.71	60	55	S	4	o	3
London (Westminster)	29.61	62	54	SW	5	c	*
Yarmouth ...	29.56	60	56	SSW	5	c q	—
Rochefort ...	29.90	72	68	W	1	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy and squally over the United Kingdom generally, with showers in a few places; rain falling at some of the Norwegian and Danish stations. Fine in nearly all other parts of Europe, but with fog in places; thunderstorm reported at Toulon. Rain falling during day in the west and north of our Islands generally, as well as at some of the French, Danish, and Scandinavian stations. Lightning seen at Valencia (Ireland) at night.

Temperature rises in most of the western and central countries, but falls slightly elsewhere. Morning readings highest 73° at Bilbao, 72° at Palma and Pfay, and 71° at Biarritz, Barcelona, and Malta; Above 60° in many parts of Southern Europe, and also on the southeast coast of England. Lowest (1) 42° at Cracow, and 43° at Munich, (2) 45° at Bodö and Christiansund, and 46° at Riga, Stockholm, and Sumburgh Hd. Rising during day to 60° or a little more in most parts of Great Britain, but not exceeding 55° in Ireland. Rising to 70° and upwards in France and Germany, to 81° at Pisa, and to 82° at Perpignan.

Wind strong to a gale from the S. or SW. over the greater part of our Islands, but from the E. in the Shetlands and Hebrides, as well as in the south of Norway. Light to fresh from the S. (SE to SW) over the western parts of the Continent generally, calm or variable in Austria; light from the NE. in the south of Russia and also over Northern Italy. Gale moderating later on all our more southern coasts, but continuing to blow hard from S or SW. in the north, and gale spreading to the west of Norway.

Barometer highest 302 in. and upwards over Austria and the south of Russia. Lowest 28.5 in. and less, in a deep depression with its centre off the northwest of Ireland; 29.4 in. in another well marked disturbance over Lapland. Depression off Irish coast travelling slowly northwards during day, and barometer rising in all but the extreme northern parts of the United Kingdom.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 10th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.49	48	SW	2	b	29.50	-.09	47	45	-1	S	4	b	#	b	#	50	41	0.04
	Hernösand ...	29.64	49	S	6	b	29.68	+.01	46	44	-1	S	6	b	#	b	#	54	43	-
	Stockholm ...	29.93	51	Z	0	b	29.95	+.10	52	50	-2	SW	2	0	#	b	#	59	48	-
	Wisby	30.00	54	S	4	b	29.97	+.03	54	53	-2	SSE	4	0	#	b	#	59	48	-
	Karlstad ...	29.84	53	SW	4	b	29.86	+.09	51	50	-3	SSW	6	0	#	b	#	#	#	-
	Bodö	29.28	48	SW	4	0	29.28	-.04	49	47	0	SW	4	0	2	0	#	49	45	0.16
	Christiansund ...	29.32	51	Z	0	0	29.55	+.24	42	40	-10	NW	5	c	5	0	#	54	41	0.12
	Skudesnaes ...	29.58	54	S	9	0	29.66	+.15	49	47	-5	NW	7	0	5	0	#	54	48	#
	Færder (Christiania Fjord)	29.79	54	SW	6	b	29.78	+.11	55	54	-1	S	6	m	5	b	#	57	54	-
	Skagen (The Scaw)	29.89	54	SW	3	c	29.87	+.09	54	53	-1	WSW	3	m	0	c	#	59	50	-
	Fanö	29.91	55	S	4	0	29.88	+.07	54	53	-2	SSW	3	0	#	0	#	59	54	-
	Sumburgh Head	29.25	48	N	3	0	29.83	+.79	37	33	-13	N	3	csp	4	r.0	#	51	35	0.12
	Stornoway ...	29.56	44	N	5	r	29.98	+.88	37	37	-9	N	3	0	3	p.r	0.0	46	35	0.35
	Wick	29.40	46	NE	4	r	29.90	+.86	40	39	-10	N	4	0	3	r	#	52	39	0.12
	Nairn	29.48	46	WNW	3	r	29.92	+.91	41	39	-11	NNW	2	c	2	r	#	53	39	0.65
	Aberdeen ...	29.42	49	SW	3	ogr	29.89	+.73	42	40	-9	NNW	3	og	4	cq.gr	1.6	54	42	0.04
BRITISH ISLANDS.	Leith	29.44	50	SW	4	0	29.84	+.56	46	43	-4	NNE	2	0	#	or	#	55	44	0.08
	Shields	29.59	51	SW	5	c	29.79	+.34	46	45	-7	NNW	2	r	2	bc.c	#	58	42	-
	Spurn Head ...	29.74	54	SSW	4	bw	29.74	+.06	52	52	0	E	3	ow	3	bc.bw	#	60	47	-
	York	29.68	52	SSW	3	b	29.77	+.18	43	43	-7	N	1	r	#	b	8.8	60	40	0.03
	Loughborough ...	29.78	51	SSW	2	b	29.73	+.01	49	48	+1	SE	1	omd	#	bcq.gr	#	61	45	0.39
	Ardrossan ...	29.52	49	W	6	r	29.81	+.50	44	44	-7	NNE	2	pm	1	o,r	#	51	42	0.27
	Malin Head ...	29.63	48	NNW	6	or	29.85	+.64	47	43	-2	N	6	o	4	or	#	50	44	0.55
	Belmullet ...	29.73	47	NNW	4	ogp	29.90	+.41	46	42	-3	NNE	6	c	#	o,qp	#	50	42	0.17
	Donaghadee ...	29.66	47	WNW	4	o	29.77	+.38	50	48	+2	NNE	5	c	3	o	#	53	42	-
	Liverpool (Bidston)	29.72	52	SSW	3	b	29.69	+.08	47	46	-5	E	1	rf	?	b.rf	#	57	45	0.48
	Holyhead ...	29.70	50	SSW	3	cp	29.70	+.13	47	46	-6	NE	4	g.mr	3	c.cp	#	56	46	0.33
	Parsonstown ...	29.70	49	Z	0	r	29.82	+.27	40	40	-6	NW	1	c	#	r.c.r	1.9	58	40	0.02
	Valencia ...	29.72	49	N	2	cp	29.87	+.25	48	45	-1	NNE	2	o	3	bcp	4.1	53	44	0
	Roche's Point ..	29.74	50	NE	1	bc	29.82	+.18	45	43	-5	N	3	b	4	p.bc	#	58	44	0.10
	Pembroke (St. Ann's Hd.)	29.71	54	W	3	c	29.65	-.02	47	47	-7	NW	5	gr	4	c.r	6.1	56	47	0.83
	Scilly	29.69	54	S	4	o	29.73	+.01	52	49	0	W	3	c	4	c.o	4.5	60	47	0.08
	Prawle Point ...	29.79	53	SW	3	bc	29.74	-.05	50	47	-5	SW	5	cp	4	cqp	#	58	45	0.46
	Jersey (St. Aubin's)	29.82	58	SE	4	b	29.80	-.08	56	52	-2	WSW	5	bc	5	bc.b	#	63	54	
	Hurst Castle ...	29.82	57	SW	3	c	29.73	-.09	56	53	-1	SW	4	p	3	cp	#	62	52	0.36
	Dungeness ...	29.85	58	SW	3	c	29.75	-.09	57	56	-1	S	2	c	2	c	#	61	56	0.05
	North Foreland	29.87	56	S	2	c	29.78	-.08	56	54	+1	SE	3	o	2	c	#	60	53	-
	London (Buxton) ...	29.83	54	SSW	2	b	29.75	-.10	54	53	+5	S	2	c	#	bc.c.b	7.4	64	48	-
	Oxford	29.82	51	SW	3	b	29.72	-.09	51	50	0	SSE	1	b	#	b.r	#	60	47	0.48
	Cambridge ...	29.82	52	SSW	1	b	29.74	-.07	52	52	+2	SE	1	o	#	b	9.4	63	43	-
	Yarmouth ...	29.82	56	SSW	3	bc	29.78	-.03	55	54	+2	SSE	4	ogr	3	bc	#	59	50	-
GERMANY & HOLLAND.	Cuxhaven ...	29.95	57	SW	1	o	29.89	+.01	53	53	-3	Z	0	o	#	o,r	#	59	52	0.20
	Berlin	30.00	62	SE	2	b	29.96	-.05	52	51	0	SW	2	b	#	b	#	70	50	-
	Wiesbader ..	#	#	#	#	#	29.97	-.07	51	51	+1	Z	0	o	#	#	#	64	48	-
	Munich... ..	30.06	53	Z	0	b	30.05	-.09	45	45	-6	E	1	b	#	b	#	64	43	-
	The Helder ..	29.90	54	SSW	1	o	29.85	-.01	53	52	-5	S	1	f	1	o	#	59	52	0.04
BELGIUM.	Brussels ...	#	#	#	#	#	29.86	-.11	54	54	-1	S	1	r	#	r	#	57	52	0.43
	Cape Gris Nez...	29.85	55	S	1	o	29.75	-.08	53	52	-3	S	2	m	2	o	#	59	50	-
	Paris	29.92	56	SW	1	r	29.85	-.14	54	54	-1	SSE	2	r	#	r	#	57	54	0.95
	Brest	29.78	57	S	3	r	29.79	-.03	53	50	-3	W	3	c	3	r	#	59	50	0.08
	Lorient... ...	29.84	57	S	3	c	29.81	.00	54	52	0	WSW	3	bc	5	c	#	61	48	0.16
FRANCE &	Rochefort ...	29.91	59	E	3	r	29.89	-.06	59	58	+2	WSW	3	r	#	r	#	64	57	0.71
	Belfort	29.97	59	W	2	m	29.93	-.10	49	48	-4	Z	0	m	#	m	#	71	46	-
	Lyons	29.99	62	SSW	2	bc	29.95	-.07	61	57	+1	S	2	bc	#	bc	#	71	58	-
	Nice	30.12	60	Z	0	bc	30.12	-.01	55	53	-2	ENE	2	b	1	bc	#	70	50	-
	Perpignan ...	29.93	65	E	2	b	29.93	-.07	58	57	+4	SW	1	o	#	b	#	79	54	-
	Biarritz ...	29.88	64	W	4	o	29.89	+.01	60	59	+1	NW	3	r	2	o,l	#	72	59	0.39
PENINSULA.	Corunna ...																#			
	Lisbon	30.04	61	W	3	o	30.12	+.11	59	55	-2	NNW	1	o	#	o	#	70	57	0.04
	Azores (P. Delgada)	30.15	63	NE	4	bc	30.20	+.10	62	54	0	ENE	3	b	3	bc	#	66	59	-

For Explanation of Columns, see bottom of last page. *† Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 5.5 hrs; Eastbourne 1.6 hrs; Hastings 1.0 hr. Brighton 6.8 hrs.

WEATHER CHARTS

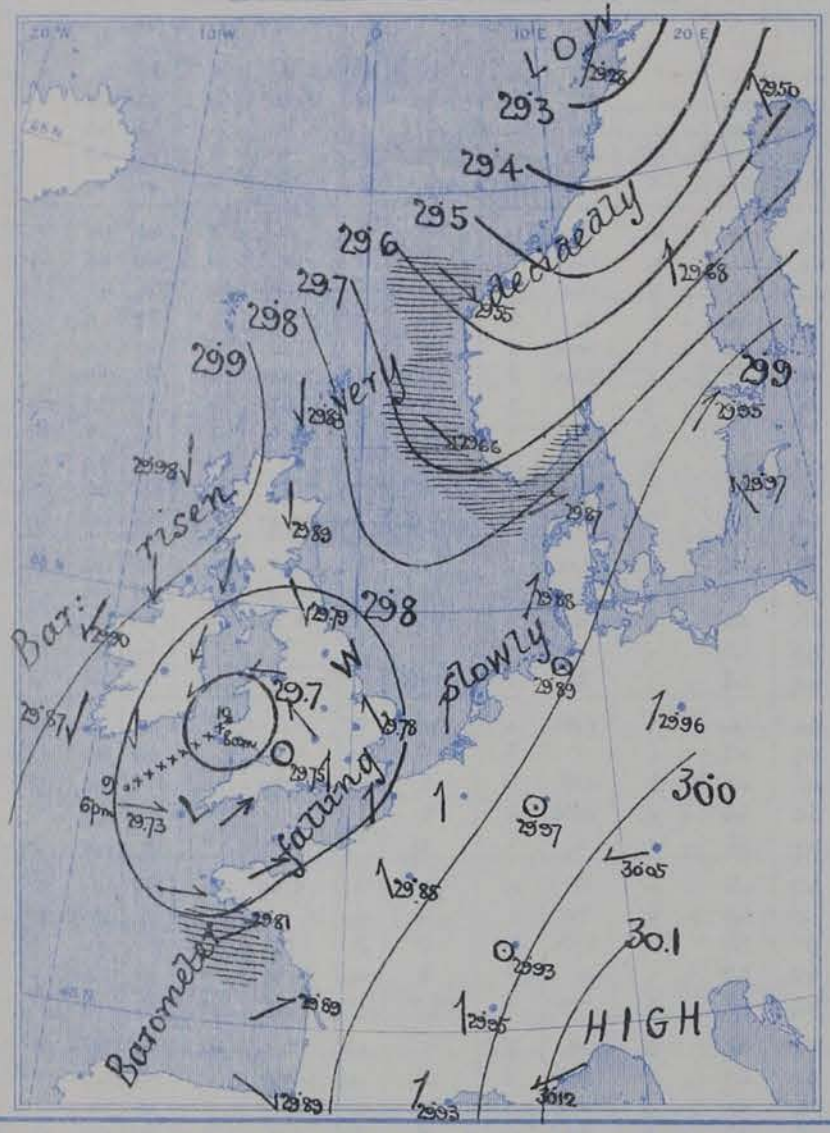
FOR Saturday, 10th October, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙

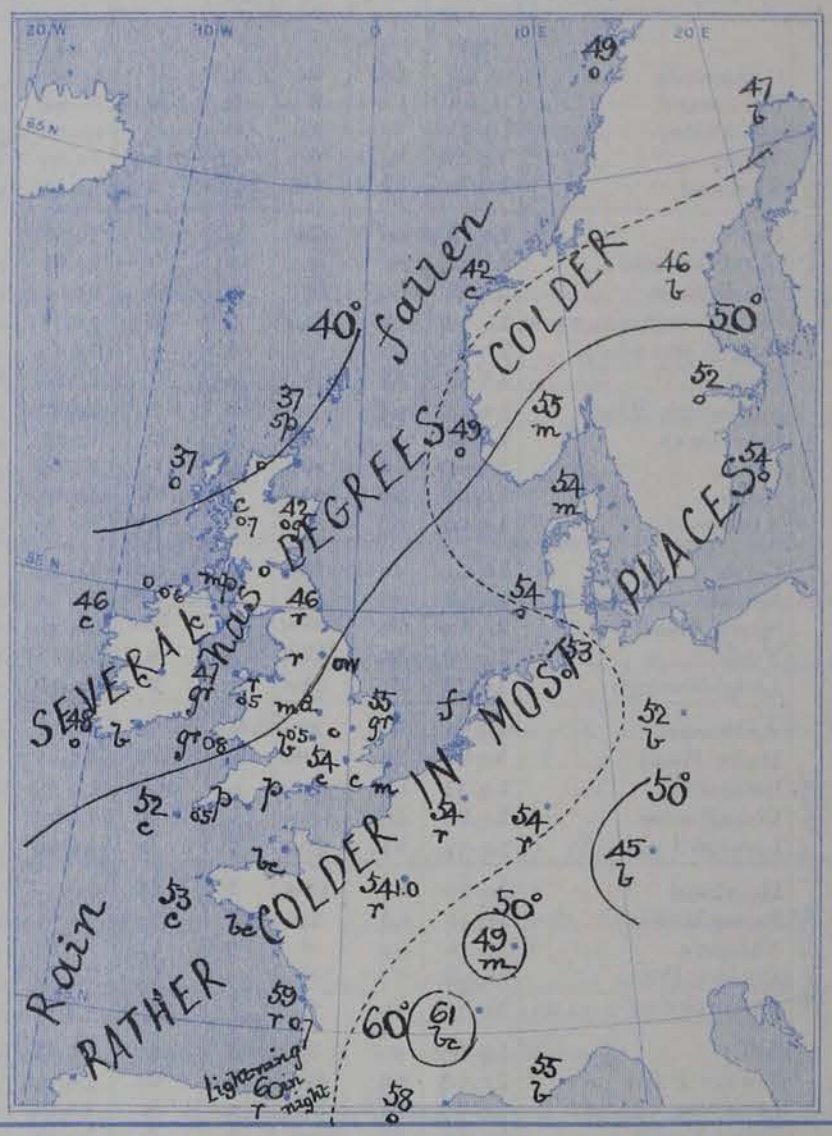
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 96	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·919	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·41	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards in the southeast of France.
Lowest 29.3 ins. and less in a depression lying off the NW. of Norway; 29.7 ins. and less in a shallow depression over Wales.
Gradients slight generally, but moderate over Scandinavia.
Barometer rising in the W. and N. of our Islands and also in Scandinavia, but falling elsewhere.

TEMPERATURE

Highest 61° at Lyons, 60° at Biarritz, 59° at Rochefort, 58° at Perpignan, 57° at Dungeness, and 56° at Jersey, Hurst Castle and the North Foreland.
Lowest 37° at Sumburgh Hd. and Stornoway, 40° at Wick and Parsonstown, 41° at Nairn, and 42° at Christiansund and Aberdeen.
During yesterday the thermometer rose to 60° and upwards at most of the English stations, and to 64° in London.

WIND

N. over Ireland, Scotland and the N. of England, and strong in force on our extreme northwest coasts.
Light to fresh from the W'ly. or SW'ly. over the Channel and Bay of Biscay; light from S. or SE. over the Netherlands and the eastern parts of England and France.
Strong from the NW'ly. in the west of Norway, and from the S'ly. or SW'ly. in Sweden.

WEATHER

Rainy over the N'rn. parts of England and Wales, as well as in Belgium and many parts of France.
Changeable and showery in most other localities, with snow at Sumburgh Hd., but fine over the N'rn. parts of Sweden, and also in Germany and the south of France.
Rain fell yesterday in many parts of W'rn. Europe, the largest amounts being 1.0 in. at Paris, 0.8 in. at Pembroke, and 0.7 in. at Nairn and Rochefort. Lightning was seen at Biarritz.

SEA

Moderate to slight generally, but rather rough at Jersey and Lorient, as well as on the Norwegian coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression over Wales seems likely to move slowly NE'ly. across England, and showery weather will probably continue for a time in most districts. The shift of wind in the rear of the disturbance is likely to be followed by a decided fall of temperature.

FORECASTS

For the 24 hours ending at NOON on 11TH OCTOBER 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	N'ly. winds moderate or fresh, changeable, some cold showers.
2 ENGLAND N.E.	Variable breezes finally N'ly. rainy at first, some improvement later.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S'ly. winds, shifting to the W'ly. or NW'ly. unsettled, some showers, becoming colder.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos. 0 and 1.
8 ENGLAND S.W.	W'ly. to NW'ly. or N'ly. winds, unsettled, some showers, becoming colder.
9 IRELAND NORTH 10 IRELAND SOUTH	Same as Nos. 0 and 1.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.58	54	50	S	9	o	7
Sumburgh Head	29.11	50	50	Z	0	r	4
Stornoway	29.49	45	45	N	5	r	5
Aberdeen	29.34	51	49	SW	6	c9	6
Shields	29.55	58	49	SSW	6	bc	3
Ardrossan	29.35	51	51	SSW	7	o	6
Malin Head ...	29.47	46	46	NNW	8	or	4
Belmullet	29.64	48	45	NNE	4	o	*
Holyhead	29.65	56	50	SW	5	c	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.68	52	48	WNW	2	bepv	3
Scilly	29.73	58	54	SSW	4	c	4
Jersey	29.85	61	56	SSE	3	bc	3
Hurst Castle ...	29.83	60	56	SW	4	c	3
Dungeness ...	29.85	59	56	SW	4	c	4
North Foreland	29.87	59	54	SSW	2	c	2
London (Westminster)	29.82	63	55	SW	3	bc	*
Yarmouth ...	29.82	59	54	SW	3	bc	3
Rochefort ...	29.94	59	59	SE	2	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over England and also over a considerable portion of the Continent. Dull and rainy in many parts of Ireland and Scotland, France and the Netherlands; dull also over Norway, and the Nrn. parts of Sweden and Russia, with rain at Haparanda. Rain falling later over nearly the whole of Wrn. Europe, heavily in places. Lightning seen at Biarritz.

Temperature fallen in our Islands and France, but risen in most other countries. Morning readings highest 71° at Barcelona, Patras and Malta, and 69° at Athens, Constantinople and Algiers; above 60° at the Mediterranean and Adriatic stations generally. Lowest (1) 40 at Archangel and Moscow, and 45° at Ulealong; (2) 46° at Stornoway and Parsonstown, and 48° at Donaghadee and Loughborough. Rising during day to 60° and upwards at most of the English stations, but remaining below 50° in the Hebrides and the NW. of Ireland. Reaching 70° at Berlin, and exceeding that point in the E. and S. of France, the highest readings being 75° at Perpignan.

Wind S. or SW. over the greater part of Wrn. and Nrn. Europe, but N. in the Hebrides and the extreme NW. of Ireland; strong to a gale in force over the Irish Sea and the south and east of Scotland, as well as in the south of Norway. NE. in the south of Russia, N. or NW. in Italy, W. over the greater part of the Spanish Peninsula. Subsequently shifting to the Nwd. over Ireland and Scotland generally, gale in latter country subsiding gradually.

Barometer highest 30.4 ins. and upwards over the S. of Russia, 30.1 ins. and upwards in an anticyclone embracing a considerable portion of Ern. and Srn. Europe. Lowest 29.1 ins. and less in a well marked depression over the N. of Scotland; gradients steep over the North Sea, and the Nrn. parts of Gt. Britain, and rather steep over Scandinavia and Nrn. Russia. Depression subsequently moving NEwd. gradually filling up. New but shallow disturbance appearing off our extreme SW. coasts in evening.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 11th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.68	46	S	4	b	29.69	+ ·19	46	45	− 1	W	2	c	*	b	*	48	43	—
	Hernösand ...	29.75	48	S	6	b	29.71	+ ·03	44	36	− 2	2	0	r	*	b	*	54	43	0.08
	Stockholm ...	29.83	52	2	0	0	29.65	− ·30	53	52	+ 1	SSE	2	f	*	0	*	54	50	—
	Wisby	29.85	51	NNE	4	b	29.69	− ·28	53	52	− 1	SSE	4	c	*	b	*	61	41	—
	Karlstad ...	29.78	52	S	2	0	29.51	− ·35	50	49	− 1	SE	2	r	*	0, r	*	*	*	0.32
	Bodö	29.65	42	SW	2	0	29.52	+ ·24	43	37	− 6	S	4	0	2	0	*	50	37	0.12
	Christiansund ...	29.74	40	WSW	8	r	29.73	+ ·18	41	37	− 1	WSW	2	bc	5	r	*	42	39	0.16
	Skudesnaes ...	29.81	41	N	4	0	29.56	− ·10	41	40	− 8	NNE	6	r	2	0	*	49	37	*
	Færder (Christiania Fjord)	29.74	52	SSW	3	c	29.56	− ·22	46	45	− 9	N	6	0	3	c	*	55	46	0.32
	Skagen (The Scaw)	29.74	54	WNW	1	0	29.54	− ·33	52	50	− 2	ENE	1	0	0	0	*	57	50	0.51
	Fanö	29.62	51	E	3	r	29.56	− ·32	54	52	0	SW	4	c	*	r	*	57	50	0.32
BRITISH ISLANDS.	Sumburgh Head	29.89	33	NW	1	bc	29.77	− ·06	38	37	+ 1	N	3	c	4	bc	*	41	30	0.02
	Stornoway ...	30.01	34	NNE	3	osp	29.98	·00	35	35	− 2	NNE	3	ohp	4	ohrsp	6.6	42	30	0.20
	Wick	29.91	38	N	4	c	29.81	− ·09	38	37	− 2	N	3	c	3	csp	*	42	31	0.05
	Nairn	29.94	37	NE	2	bc	29.87	− ·05	35	33	− 6	NNW	4	bc	3	bc	*	41	31	—
	Aberdeen ...	29.88	38	NNW	5	og	29.80	− ·09	37	36	− 5	NNW	5	cg	5	rsg, g, s	0.0	43	32	0.12
	Leith	29.86	41	NNE	4	r	29.80	− ·04	37	34	− 9	NNW	3	c	*	r	*	46	33	0.40
	Shields	29.65	44	NNE	7	r	29.69	− ·10	36	36	− 10	NNW	5	rshp	5	r	*	49	34	0.92
	Spurn Head ...	29.51	53	SSW	2	bz	29.59	− ·15	41	41	− 11	NW	6	r	5	p, bc, bz	*	50	41	0.32
	York	29.63	50	N	1	oz	29.70	− ·07	37	36	− 6	NW	3	r	*	o, z	0.0	54	35	0.25
	Loughborough ...	29.61	51	SW	1	0	29.78	·00	37	36	− 12	NW	3	op	*	c, bc, op	*	59	37	0.15
	Ardrossan ...	29.87	38	NNE	2	0	29.82	+ ·01	37	35	− 7	N	2	b	1	o	*	45	31	0.44
	Malin Head ...	29.94	44	N	7	og	29.88	+ ·03	39	37	− 8	N	5	cfsg	3	og	*	50	33	0.18
	Belmullet ...	30.05	44	N	7	c	29.96	+ ·06	39	36	− 7	NNE	7	c	*	c	*	48	36	0.33
	Donaghadee ...	29.86	43	NNE	7	r	29.86	+ ·09	39	35	− 11	NNW	6	bc	4	r	*	50	37	0.16
	Liverpool (Bidston)	29.61	46	WNW	3	r	29.78	+ ·09	37	35	− 10	N	3	c	3	bzr	*	55	35	0.54
	Holyhead ...	29.72	46	NNW	7	ohg	29.81	+ ·11	41	36	− 6	N	4	ofh	3	rgm, hg	*	49	35	0.20
	Parsonstown ...	29.96	42	N	1	b	29.90	+ ·08	33	32	− 7	N	1	os	*	b	2.7	49	32	0.15
	Valencia ...	30.01	46	N	5	ohg	29.93	+ ·06	45	40	− 3	N	6	ohqw	6	ohg	2.9	51	39	0.21
	Roche's Point ..	29.92	48	N	5	b	29.87	+ ·05	39	37	− 6	NW	4	bc	4	b, hg	*	52	38	0.25
	Pembroke (St. Ann's Hd.)	29.76	46	NNW	5	0	29.83	+ ·18	43	38	− 4	NNW	5	b	4	0	0.1	50	40	0.43
	Scilly	29.81	52	N	4	c	29.89	+ ·16	48	43	− 4	NNW	4	c	3	c	8.1	56	42	—
	Prawle Point ...	29.80	47	W	4	bc	29.83	+ ·09	44	42	− 6	NNW	3	c	2	bgh, z	*	54	35	0.02
	Jersey (St. Aubin's)	29.82	55	W	3	b	29.79	− ·01	48	44	− 8	NNW	3	r	3	b, r	*	59	46	0.53
	Hurst Castle ...	29.74	52	WSW	5	bc	29.76	+ ·03	42	39	− 14	NW	3	c	2	c, bc	*	57	40	—
	Dungeness ...	29.69	54	W	5	c	29.71	− ·04	43	42	− 14	W	3	c	3	c	*	62	41	0.04
	North Foreland	29.69	54	SW	2	bc	29.69	− ·09	44	42	− 12	NW	3	og	2	bc	*	60	41	0.04
	London (Brixton) ...	29.70	50	W	3	b	29.75	·00	41	38	− 13	NW	1	og	*	c, b, og	6.5	62	40	—
	Oxford	29.64	50	SW	3	0	29.76	+ ·04	40	38	− 11	NW	2	ow	*	0	*	58	38	—
	Cambridge ...	29.65	50	SW	1	b	29.71	− ·03	39	38	− 13	WNW	2	r	*	b	5.3	62	37	0.03
	Yarmouth ...	29.64	55	SW	2	c	29.60	− ·18	43	42	− 12	W	4	cg	3	r, c	*	57	41	0.37
GERMANY & HOLLAND.	Cuxhaven ...	29.71	52	NE	3	r	29.69	− ·20	54	54	+ 1	SW	3	r	*	r	*	57	50	0.28
	Berlin	29.79	59	SSE	2	b	29.78	− ·18	56	54	+ 4	SW	2	0	*	b	*	68	52	—
	Wiesbaden ...	*	*	*	*	*	29.83	− ·14	54	53	+ 3	SW	2	0	*	*	*	66	51	—
	Munich... ..	29.87	51	2	0	b	29.96	− ·09	51	50	+ 6	SW	3	c	*	b	*	61	45	—
	The Helder ...	29.65	55	SSW	1	0	29.58	− ·27	52	50	− 1	SW	4	c	2	0	*	57	52	0.12
BELGIUM.	Brussels ...	*	*	*	*	*	29.75	− ·11	50	47	− 4	SSW	4	b	*	r	*	58	46	0.08
	Cape Gris Nez...	29.70	54	W	5	0	29.66	− ·09	48	45	− 5	NW	5	0	5	0	*	61	45	—
	Paris	29.83	54	SSW	2	r	29.87	+ ·02	47	46	− 7	SSW	2	0	*	r	*	58	47	0.32
	Brest	29.82	56	W	2	c	29.82	+ ·03	48	45	− 5	NNE	2	0	2	c	*	53	43	0.63
	Lorient... ...	29.83	57	WNW	4	0	29.78	− ·03	54	52	0	WSW	2	0	2	0	*	59	46	0.16
FRANCE &	Rochefort ...	29.93	58	W	4	bc	29.86	− ·03	55	55	− 4	W	4	c	*	bc	*	61	52	1.14
	Belfort	29.86	56	SSW	4	r	29.87	− ·06	49	49	0	WSW	2	m	*	r	*	69	49	0.16
	Lyons	29.97	53	SSE	1	r	29.92	− ·03	52	52	− 9	NW	1	0	*	r	*	69	51	0.63
	Nice	30.04	59	2	0	b	29.90	− ·22	55	55	0	N	6	r	3	b	*	70	54	0.71
	Perpignan ...	29.93	66	W	2	0	29.94	+ ·01	57	53	− 1	SW	1	0	*	0	*	80	55	—
	Biarritz ...	30.00	60	WSW	4	c	29.93	+ ·04	55	53	− 5	S	4	b	2	c	*	63	50	0.28
PENINSULA.	Corunna ...	30.01	59	W	3	b	30.04		50	50		NW	3	r	3	b	*	61	50	0.47
	Lisbon	30.14	59	NW	2	b	30.17	+ ·05	58	52	− 1	NNW	3	b	*	b	*	64	54	—
	Azores (P. Delgada)	30.29	62	NE	4	bc	30.32	+ ·12	62	56	0	NE	4	b	3	bc	*	70	59	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

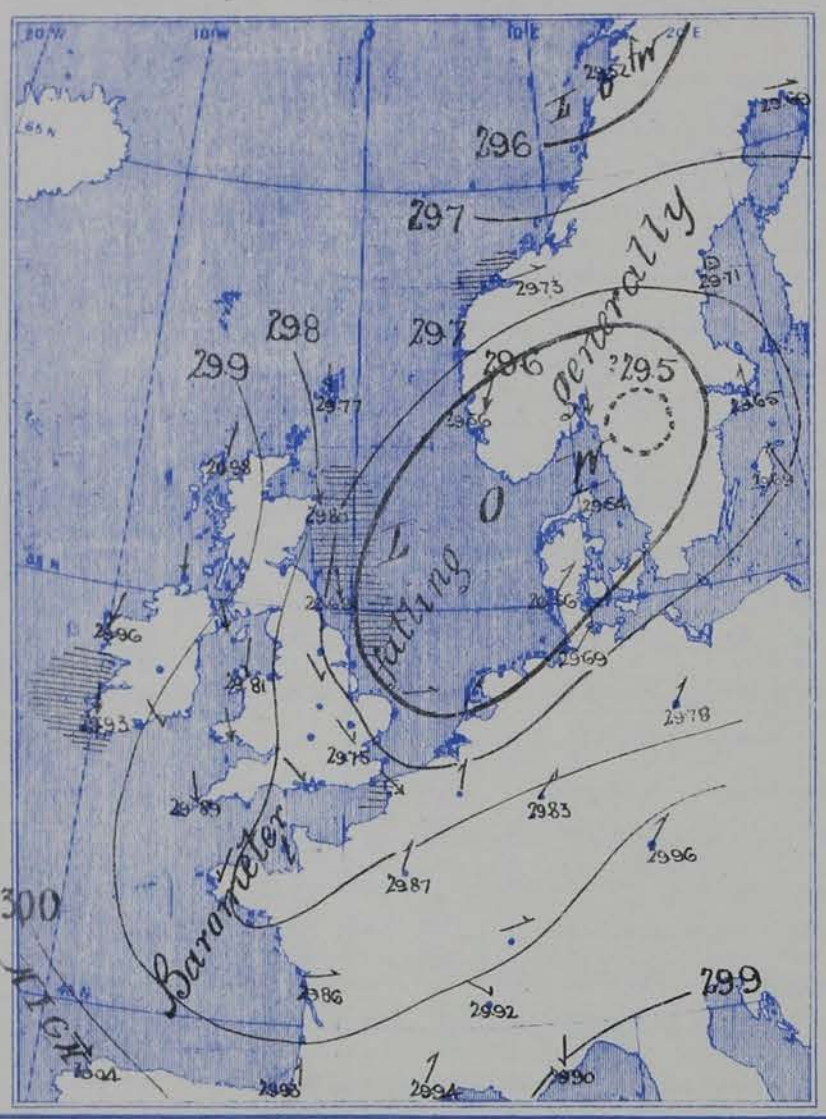
Bright Sunshine yesterday Southport 0·9 hrs; Eastbourne 3·4 hrs; Hastings ..?.. hrs; Brighton 0·8 hrs:

WEATHER CHARTS

FOR SUNDAY, 11TH OCTOBER, 1896.

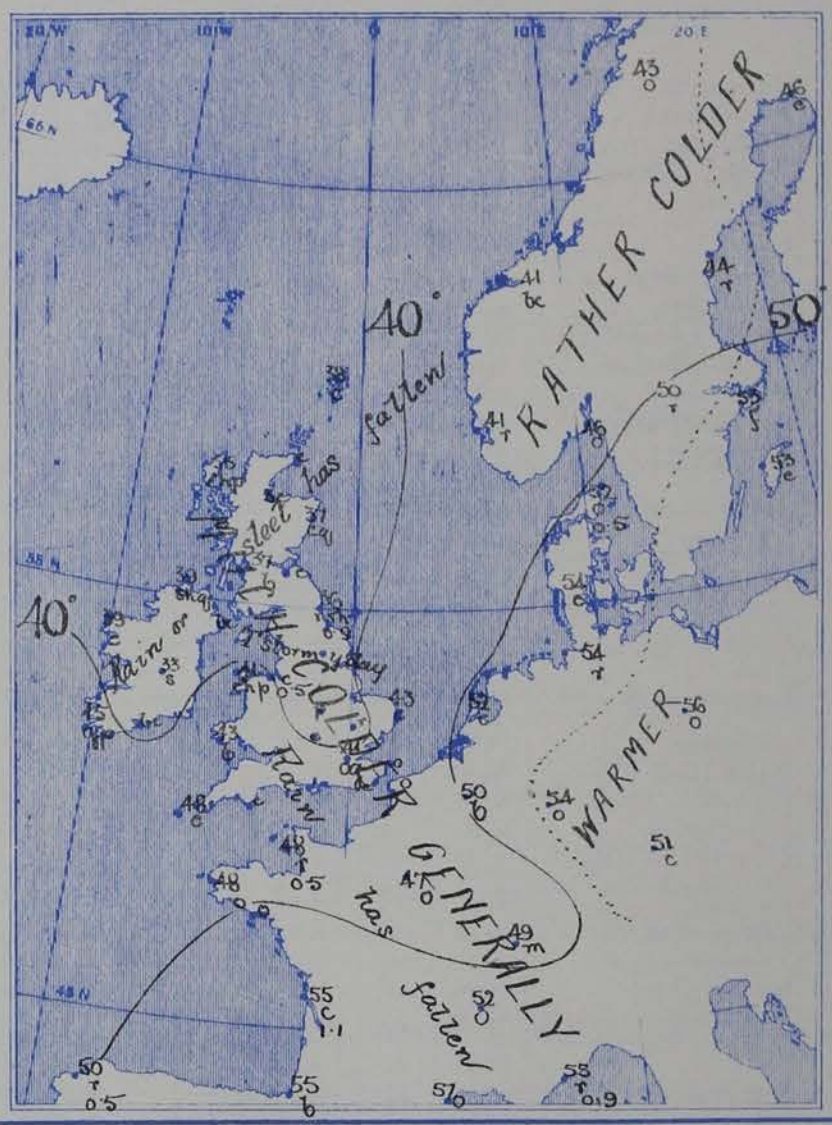
BAROMETER, WIND AND SEA.

BAROMETER Isobars are drawn for each tenth of an inch.
WIND Arrows shew Directions and Force, flying with the wind.
Force above 10 ; Force 5 to 7 ; Force 8 to 10 ; Force 1 to 4 ; Calm ⊙
SEA — Rough ; High



TEMPERATURE & WEATHER.

TEMPERATURE — Isotherms are drawn for each 10°.
WEATHER Shown by Letters of the Beaufort Scale.
RAINFALL — A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means. 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means. 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·1 in: and upwards, in an anticyclone extending over Portugal from the Atlantic; 29·9 in: and upwards in the western parts of Ireland & Scotland.

Lowest, 28·6 in: and less, in a large area covering Denmark, the south of Scandinavia, and the greater part of the North Sea, and also in another system lying off the northwest of Norway.

Gradients moderate or slight generally.

Barometer rising over England, but falling in most other countries — briskly in Denmark and the south of Sweden.

TEMPERATURE

Highest, 58° at Lisbon, 57° at Perpignan, 56° at Berlin, and 55° at Rochefort, Biarritz, and Nice.

Lowest, 33° at Parsonstown, 35° at Stornoway and Nairn, 36° at Shields, and 37° at Aberdeen, Leith, York, Loughboro' and Liverpool.

The maxima registered yesterday were below 45° in the north of Scotland, and below 50° in the north and northwest of our Islands generally. Frost occurred last night in the north of Scotland.

WIND

N or NW over our Islands, and strong in force on our northeast and northwest coasts.

NW in the western parts of the Spanish Peninsula, W or SW in France; SW over Denmark, Germany, and the Netherlands; S in the south of Sweden; NE in the south of Norway.

WEATHER

Cloudy and unsettled over Western Europe generally, with rain or passing showers in many places.

Hail or sleet showers are falling at several of our own northern stations, and snow at Parsonstown.

Since yesterday morning rain, hail, or snow has fallen in most parts of Western Europe, the largest amounts being 1·1 in: at Rochefort, 0·9 in: at Shields and Nice, and 0·6 in: at Brest and Lyons.

Thunderstorms occurred yesterday in the north of England, and lightning was seen at some of our southern and eastern stations.

SEA

Rough at Valencia (Ireland), and rather rough on our northeast coasts, as well as at Cape Finisterre and Christiansund; moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 12th Oct. 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED
⊥ 1 SCOTLAND EAST		⊥ 7 ENGLAND N.W.	
⊥ 2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		⊥ 9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 4·0 pm yesday to districts 1.7. and part of 9 and 7·20 pm to district 2 "Hoist North Cone"

Note.—The **South Cone**, *point downwards* (⊥), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (⊥), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA	SEA.
Skudesnaes ...	29.84	49	47	NNW	6	c	4	Valencia	29.94	47	45	NNE	5	pg	5
Sumburgh Head	29.89	37	34	N	2	c	4	Scilly	29.79	55	50	NW	4	c	3
Stornoway	30.02	40	38	NNE	3	c	3	Jersey	29.87	59	52	W	4	b	4
Aberdeen	29.91	40	38	N	5	orgq	6	Hurst Castle ...	29.75	56	52	WSW	4	c	3
Shields	29.68	49	48	ENE	2	r	3	Dungeness ...	29.71	58	56	WSW	3	c	3
Ardrossan	29.82	43	43	NNE	2	.	1	North Foreland	29.73	60	54	SW	2	o	2
Malin Head ...	29.89	45	41	N	6	o	4	London (Westminster)	29.69	61	52	SW	4	bc	*
Belmullet	29.98	46	41	NNE	8	c	*	Yarmouth ...	29.69	56	54	SW	2	r	3
Holyhead	29.67	48	45	N	6	rgm	5	Rochefort ...	29.92	58	58	W	3	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning rainy over the western parts of England and Wales, as well as at Brussels and many of the French stations; changeable and showery in most other parts of Western Europe, with snow at Sumburgh Hd. Fine over the eastern, central and southern countries, as a whole, but dull in Spain, and foggy over the Gulf of Finland. Rain falling during day in nearly all parts of Western Europe, – heavily in the north of England and also in France; snow reported in the north of Scotland. Thunderstorms occurring in the north of England, and lightning seen in many other parts of the Country.

Temperature fallen in most places. Morning readings highest 62° at Sfax, 73° at Barcelona and Algiers, 70° at Malta, and 69° at Patras, Constantinople and La Calle; above 60° at most of the Mediterranean and Adriatic stations. Lowest 37° at Sumburgh Hd. and Stornoway, 40° at Wick and Parsonstown, and 41° at Nairn; below 45° at many of our own northern stations. Daily maxima below 45° in the north of Scotland and below 50° in the north and northwest of our Islands generally. Thermometer exceeding 60° at some of our southern and eastern stations, exceeding 65° in Germany, and exceeding 70° in the south of France. Frost occurring in the north of Scotland at night.

Wind light to fresh from the N^ly in Ireland and Scotland and from the W^ly or SW^ly over the Channel and Bay of Biscay, light from S. or SE. over the eastern and central parts of England, as well as in the east of France, Germany and the Netherlands. Fresh or strong from the NW^ly in the west of Norway, but from the S^ly or SW^ly over Sweden and northern Russia. E^ly in the south of Russia; variable in Austria and Italy, and also in Portugal, but chiefly W^ly in Spain. Subsequently increasing to a moderate gale from the N^ly on our northeast and northwest coasts; no important change occurring elsewhere.

Barometer highest 30.5 ins. and upwards in the south of Russia, 30.1 ins. and upwards in an anticyclone covering all the more southeastern parts of the Continent, as well as in another system off the southwest of Spain. Lowest 29.3 ins. and less, in a depression off the northwest of Norway; 29.7 ins. and less, in a shallow system over Wales. Latter disturbance subsequently travelling in an ENE. direction across England, and becoming somewhat deeper.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u, ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Monday, 12th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.60	38	W	2	r	29.76	+.07	33	30	-13	Z	0	b	*	r	*	48	36	0.35
	Hernösand ...	29.66	38	N	4	r	29.86	+.15	36	35	-8	Z	0	b	*	r	*	50	36	0.43
	Stockholm ...	29.73	52	Z	0	0	29.84	+.19	47	46	-6	NE	2	0	*	0	*	55	43	-
	Wisby	29.80	55	SSW	4	b	29.77	+.08	52	50	-1	ESE	4	r	*	b	*	59	46	0.12
	Karlstad ...	29.69	48	Z	0	0	29.80	+.29	46	45	-4	Z	0	f	*	o,r	*	*	*	0.63
	Bodö	29.75	41	NW	4	0	29.89	+.37	34	33	-9	SE	2	0	1	0	*	43	32	0.12
	Christiansund ...	29.75	42	WSW	3	r	29.86	+.13	41	40	0	NE	3	r	4	r	*	43	41	0.63
	Skudesnaes ...	29.59	42	N	2	0	29.73	+.17	44	43	+3	N	2	r	2	0	*	54	39	*
	Færder (Christiania Fjord)	29.67	46	N	3	0	29.76	+.20	46	45	0	N	2	0	2	0	*	46	46	-
	Skagen (The Scaw)	29.69	52	WSW	2	bc	29.77	+.23	49	47	-3	WSW	1	b	0	bc	*	57	48	-
	Fanö	29.67	52	SW	4	b	29.71	+.15	47	46	-7	SW	2	b	*	b	*	57	46	0.04
	Sumburgh Head	29.84	41	N	4	bc	30.01	+.24	38	36	0	N	3	b	4	bc	*	45	34	0.07
	Stornoway ...	30.05	40	NNE	4	ogr	30.17	+.19	37	37	+2	N	3	0	3	g.bc.rg	3.9	44	33	0.19
	Wick	29.91	43	N	6	0	30.06	+.25	38	37	0	N	4	cu	3	oph	*	45	35	0.05
	Nairn	29.96	43	NNW	3	c	30.12	+.25	38	37	+3	NNW	2	c	1	c	*	45	33	0.02
	Aberdeen ...	29.86	43	N	6	ogq	30.06	+.26	38	36	+1	NW	3	bc	4	op.gq	0.6	45	35	0.16
BRITISH ISLANDS.	Leith	29.83	38	NNW	3	r	30.04	+.27	40	39	+3	NNW	3	b	*	r	*	48	35	0.04
	Shields	29.74	40	NW	4	r	29.96	+.27	46	42	+10	N	6	c	7	r.rs.hp	*	46	34	0.89
	Spurn Head ...	29.65	39	W	6	r	29.75	+.16	47	45	+6	N	7	c	6	r	*	47	37	1.26
	York	29.74	37	NNW	2	r	29.90	+.20	44	42	+7	N	3	c	*	r	0.1	45	36	0.28
	Loughborough ...	29.78	37	NNW	2	0	29.87	+.14	42	40	+5	N	4	om	*	o,prs,q	*	42	35	0.23
	Ardrossan ...	29.91	45	NW	3	c	30.11	+.29	41	39	+4	NW	3	b	2	c	*	47	35	-
	Malin Head ...	29.98	43	N	7	ohq	30.17	+.29	41	40	+2	N	4	chp	2	c,ohp	*	46	36	0.13
	Belmullet ...	30.09	43	NE	7	c	30.21	+.27	45	41	+6	NNE	3	bc	*	c	*	45	37	0.13
	Donaghadee ...	29.91	45	NNW	6	bc	30.13	+.27	45	40	+6	NE	6	bc	4	bc	*	47	38	-
	Liverpool (Bidston)	29.85	42	N	3	r	29.99	+.21	42	38	+5	N	4	b	4	rsp	*	43	35	0.15
	Holyhead ...	29.87	42	NNE	5	gmr	30.05	+.24	45	41	+4	NNE	5	c	4	rgm	*	47	40	0.21
	Parsonstown ...	30.02	37	N	1	b	30.18	+.28	33	33	0	Z	0	b	*	s,b	6.0	41	31	0.05
	Valencia ...	30.08	43	N	6	bcqh	30.24	+.31	43	41	-2	NNE	3	op	3	bc.qh	5.5	45	34	0.15
	Roche's Point ..	29.98	41	NNE	5	b	30.15	+.28	41	38	+2	NNW	3	b	4	rsp.b	*	44	37	0.02
	Pembroke (St. Ann's Hd.)	29.82	39	NE	5	b	30.01	+.18	45	41	+2	NE	5	bc	3	o,b	0.7	45	37	0.05
	Scilly	29.65	40	N	8	qrh	29.96	+.07	50	45	+2	NNE	7	c	5	rhq	3.2	50	38	0.53
	Prawle Point ...	29.73	40	E	2	r	29.90	+.07	42	39	-2	N	4	bcp	3	p	*	54	31	0.11
	Jersey (St. Aubin's)	29.75	45	WNW	3	b	29.86	+.07	46	41	-2	NNE	3	o	3	r.c.b	*	51	40	0.21
	Hurst Castle ...	29.75	42	NNW	1	bm	29.85	+.09	41	39	-1	N	2	om	1	bm	*	48	35	-
	Dungeness ...	29.72	42	NNW	2	m	29.75	+.04	42	41	-1	WNW	2	c	1	m	*	49	34	-
GERMANY & HOLLAND.	North Foreland	29.72	43	NW	3	0	29.75	+.06	43	42	-1	WNW	2	og	2	0	*	44	40	-
	London (Brixton) ...	29.77	41	NW	1	og	29.80	+.05	43	41	+2	NW	3	og	*	od,bc,qg,b	0.2	44	39	-
	Oxford	29.81	37	NW	3	0	29.86	+.10	40	39	0	NNW	3	od	*	0	*	45	35	0.02
	Cambridge ...	29.77	39	WNW	1	0	29.77	+.06	43	43	+4	NNW	3	rg	*	0	0.0	44	37	0.14
	Yarmouth ...	29.68	42	W	3	c	29.69	+.09	43	42	0	WNW	2	cf	3	c	*	46	38	0.01
	Cuxhaven ..	29.69	57	SW	2	bc	29.68	-.01	49	49	-5	E	3	c	*	bc	*	61	43	-
	Berlin														*		*			
	Wiesbaden ...	*	*	*	*	*	29.76	-.07	48	47	-6	Z	0	0	*	*	*	59	46	-
	Munich... ..	29.86	44	W	2	r	29.88	-.05	46	44	-5	SW	5	c	*	r	*	55	43	0.32
	The Helder ...	29.65	50	NNW	3	bc	29.67	+.09	48	46	-4	NNW	2	0	2	bc	*	54	46	0.92
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	29.75	.00	43	43	-7	WSW	1	r	*	r	*	56	42	0.75
	Cape Gris Nez ...	29.66	45	NNE	4	0	29.71	+.05	42	40	-6	NW	2	0	4	0	*	48	32	-
	Paris	29.70	48	E	1	r	29.81	-.06	43	41	-4	E	1	0	*	r	*	51	42	0.32
	Brest	29.71	45	WNW	3	r	29.86	+.04	41	39	-7	NE	1	0	2	r	*	54	37	0.47
	Lorient... ...	29.84	56	NW	2	bc	29.76	-.02	43	41	-11	NNE	5	c	3	bc	*	57	34	0.83
	Rochefort ...	29.82	51	WNW	4	bc	29.70	-.16	49	47	-6	W	5	o	*	c.tlr	*	59	46	0.63
	Belfort	29.77	48	WSW	1	bc	29.80	-.07	44	43	-5	W	2	c	*	bc	*	51	?	0.04
	Lyons	29.82	51	SW	2	c	29.85	-.07	46	43	-6	S	1	c	*	tl,c	*	61	43	-
	Nice	29.82	58	NW	2	bc	29.84	-.06	53	44	-2	NW	2	b	1	bc	*	66	52	-
	Perpignan ...	29.91	58	NW	2	0	29.92	-.02	48	46	-9	SW	2	c	*	0	*	66	44	0.04
	Biarritz ...																*			
PENINSULA.	Corunna ...																*			
	Lisbon	30.23	55	NNW	3	b	30.22	+.05	55	51	-3	N	3	b	*	b	*	64	52	-
	Azores (P. Delgada)	30.24	65	E	4	b	30.25	-.07	67	57	+5	ESE	5	c	6	b	*	70	62	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

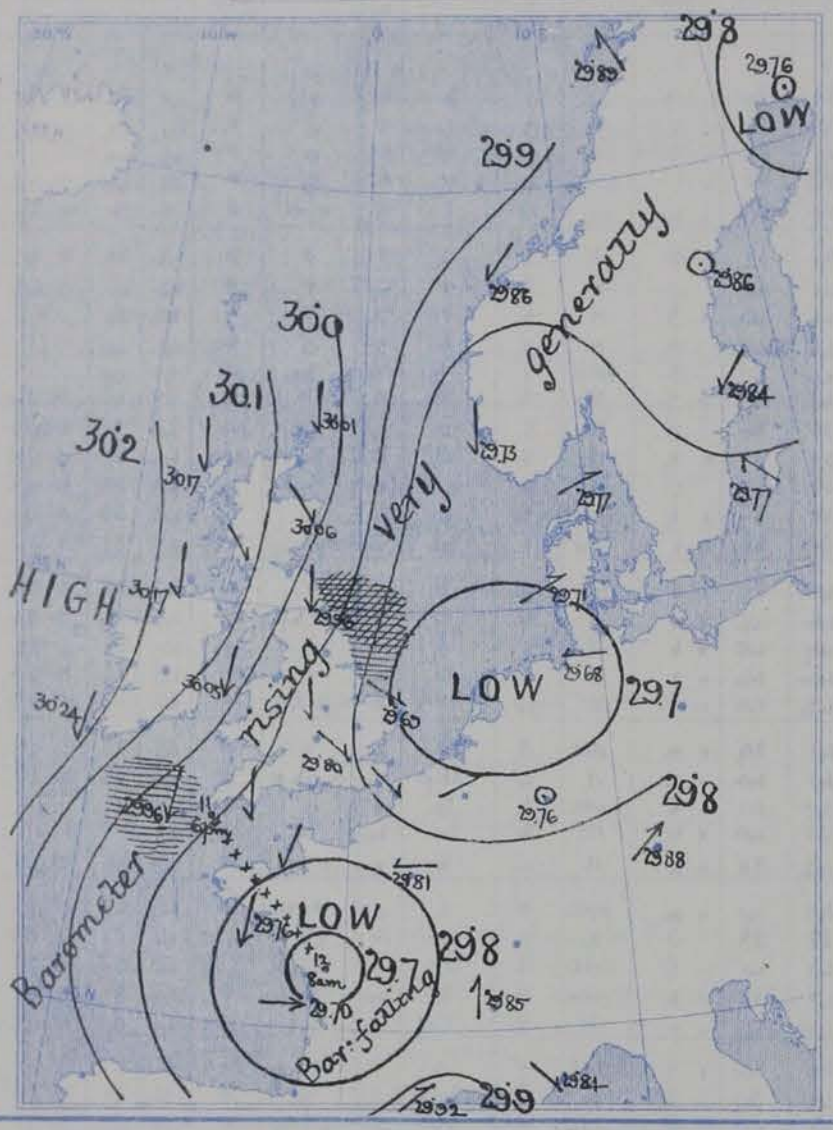
Bright Sunshine yesterday Southport 0.1 hrs; Eastbourne 0.3 hrs; Hastings 0.3 hrs, Brighton, not reported.

WEATHER CHARTS

FOR Monday, 12TH October 1896.

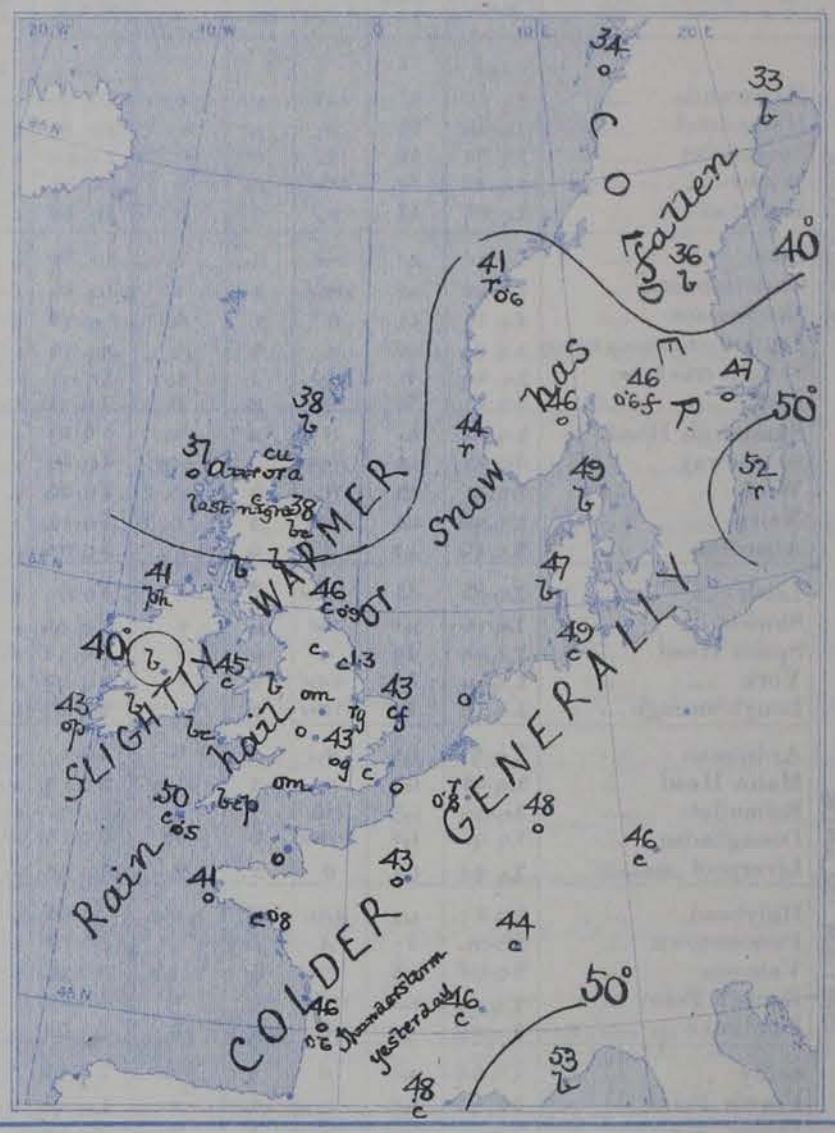
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·44	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in: and upwards in the west of Ireland and also in Portugal.
Lowest, 29·7 in: and less, in two depressions,—one lying over the west of France and the other over the Netherlands and the southern parts of the North Sea.
Gradients moderate to rather steep over our Islands and the North Sea, but slight elsewhere.
Barometer rising at all but the western French stations.

TEMPERATURE

Highest, (1) 55° at Lisbon, 53° at Nice, 50° at Scilly, and 49° at Rochefort; (2) 49° at Skagen and Cuxhaven, and 48° at the Helder.
Lowest, (1) 33° at Haparanda, 34° at Bodö, and 36° at Hernösand; (2) 33° at Parsontown, 37° at Stornoway, and 38° at Lerwick Hd., Wick, Nairn & Aberdeen.
During last night the sheltered thermometer fell to within three or four degrees of the freezing point in many parts of the United Kingdom, and to 31° at Parsontown and Prawle Point. At Oxford a minimum of 31° was recorded on the grass.

WIND

N. over our Islands and also on the Norwegian coasts, with a moderate gale in the northeast of England, as well as at the mouth of the Channel.
W. or SW. over the southern parts of France and Germany, and also in Denmark; E. in the south of Sweden; calm in the north of Sweden.

WEATHER

Fine over the western and northern parts of our Islands generally, but with showers in a few places.
Dull over the central and southeastern parts of England, as well as at most of the Continental stations, with rain in the west of Norway, and also at Cambridge and Brussels. Fine in the northern parts of Sweden.
Rain hail or snow fell yesterday in most parts of our Islands, and rain also at many of the Continental stations the largest amounts being 1·3 in: at Spurn Hd. 0·9 in: at Shields, and 0·8 in: at Brussels and Lorient. Thunderstorms occurred at Rochefort and Lyons, and bright aurora was seen in the north of Portland.

SEA

High or rough on our northeast coasts, and rather rough at Scilly, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depressions are moving away to the southeastward, and the anticyclone in the west is inclined to spread eastwards. A gradual improvement in the weather is therefore probable over our Islands.

FORECASTS

For the 24 hours ending at NOON on 13th OCT. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	N. winds, moderate; fair generally, but local showers.
2 ENGLAND N.E. 3 ENGLAND EAST	N. winds, strong at first, moderating later; changeable, showery.
4 MIDLAND COUNTIES 5 ENGLAND SOUTH	NW. to N. or NE. winds, moderate; unsettled, some cold showers.
6 SCOTLAND WEST	Same as Nos. 0 and 1
7 ENGLAND N.W.	N. winds, moderating gradually; fair generally, but local showers.
8 ENGLAND S.W.	N. and NE. winds, strong at first, but moderating later; changeable, some showers.
9 IRELAND NORTH	Same as No. 7.
10 IRELAND SOUTH	N. winds, light; fair generally.
WARNINGS	The NORTH CONE is still flying in districts 1, 2, 7, and part of 9.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...							
Sumburgh Head							
Stornoway	30.00	44	43	N	5	bc	5
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29.94	44	41	N	6	c	3
Belmullet							*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29.78	49	44	NW	3	c	3
Hurst Castle ...							
Dungeness ...	29.72	44	41	NW	3	m	2
North Foreland	29.73	44	41	WNW	3	o	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29.82	55	53	W	3	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 4TH TO THE 10TH OCTR. 1896.

The weather of last week was very stormy and unsettled with heavy falls of rain in nearly all places.

At the commencement of the period the centre of a large and rather deep depression lay off the north of Scotland, the wind being strong from the Wd or SWd and the weather speedingly showery, with hail or sleet at many of our western stations, and with thunderstorms or lightning only in several parts of Ireland and England. On the 6th a V shaped secondary system moved northeastwards across England, and occasioned gales from the Sd or SWd on our south and southeast coasts, the system afterwards travelling on to the south of Norway, where it became very much deeper, and finally away to northern Russia.

On the morning of the 7th a new disturbance began to approach our Islands from the southwestward, and in the course of the next 36 hours the system which proved of great size and depth moved slowly in a north-northeasterly direction along our extreme western coasts, and occasioned strong gales from the Sd or SWd over the entire Kingdom, with a very high sea in the west and north. Rain fell in all districts, the fall of the 7th being very heavy in the west, — over an inch in several places, and as much as 1·8 ins: at Holyhead.

By the close of the week the disturbance had travelled away to the northeastward of our Islands, and had apparently filled up. A shallow depression, was, however, passing northeastwards across England, and was occasioning heavy rain over our northern counties, with thunderstorms in several places. In the rear of the disturbance the wind increased to a moderate gale from the Nd on the more exposed parts of our northeast and northwest coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
,, Weekly ,, ,, ,, £1 10 0 ,,

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 13th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·03	35	2	0	b	30·19	+ ·43	28	26	− 5	S	2	b	*	b	*	39	28	—
	Hernösand ...	30·02	40	N	4	c	30·30	+ ·44	38	33	+ 2	NW	6	bc	*	c	*	48	34	—
	Stockholm ...	29·97	43	NE	2	0	30·21	+ ·37	43	41	− 4	N	2	0	*	0	*	54	43	0·04
	Wisby	29·86	49	N	6	0	30·20	+ ·43	45	46	− 4	NNW	4	0	*	0	*	52	45	0·59
	Karlstad ...	29·96	47	SE	2	b	30·25	+ ·45	42	40	− 4	NE	2	0	*	b	*	*	41	—
	Bodö	30·12	37	S	2	c	30·32	+ ·43	33	31	− 1	ENE	1	bc	1	c	*	37	32	—
	Christiansund ...	30·11	41	NE	5	r	30·32	+ ·46	38	36	− 3	ESE	2	b	2	r	*	43	37	0·51
	Skudesnaes ...	29·89	47	N	4	c	30·14	+ ·41	44	42	0	NNE	1	bc	2	c	*	49	41	*
	Færder (Christiania Fjord)	29·92	47	N	5	0	30·23	+ ·47	46	44	0	N	4	0	2	0	*	48	45	—
	Skagen (The Scaw)	29·93	49	N	5	b	30·16	+ ·39	49	48	0	SE	1	0	0	b	*	54	48	—
	Fanö	29·86	50	2	0	0	30·06	+ ·35	48	46	+ 1	2	0	r	*	0	*	59	45	—
	Sumburgh Head	30·15	40	N	3	0	30·28	+ ·27	41	39	+ 3	N	1	0	3	c, 0	*	44	37	—
	Stornoway ...	30·24	42	2	0	0	30·32	+ ·15	41	41	+ 4	W	2	0	2	0	0·1	44	35	—
	Wick	30·14	34	N	3	bc	30·31	+ ·25	30	29	− 8	N	1	b	3	bc	*	42	27	—
	Nairn	30·21	41	NNW	2	c	30·35	+ ·23	38	36	0	2	0	c	1	c	*	42	34	—
	Aberdeen ...	30·17	39	NW	4	bcq	30·34	+ ·25	40	37	+ 2	NW	3	b	3	rshs, bcq, p	3·5	44	36	0·04
	Leith	30·18	36	NNW	1	c	30·34	+ ·27	36	33	− 5	W	3	bm	*	c	*	46	32	—
	Shields	30·08	42	NNW	3	0	30·27	+ ·31	39	37	− 7	NNW	3	cp	5	shrp, 0	*	46	36	0·30
	Spurn Head ...	29·95	47	N	6	bv	30·15	+ ·40	48	45	+ 1	N	5	cqprs	5	bv	*	48	40	0·07
	York	30·04	43	N	2	bc	30·24	+ ·34	39	37	− 5	NNW	4	b	*	bc	7·1	49	36	0·02
	Loughborough ...	30·05	41	NW	4	c	30·24	+ ·37	39	37	− 3	NW	4	bmw	*	bc, c, bm	*	49	35	—
BRITISH ISLANDS.	Ardrossan ...	30·20	41	N	3	b	30·37	+ ·26	34	34	− 7	NNE	1	bf	1	b	*	46	29	—
	Malin Head ...	30·23	45	N	4	cp	30·36	+ ·19	45	45	+ 4	?SSW	3	0	1	cp	*	45	40	0·15
	Belmullet ...	30·29	46	N	4	0	30·39	+ ·18	46	44	+ 1	N	1	0	*	c, 0	*	45	?39	?0·10
	Donaghadee ...	30·22	45	NNE	6	c	30·36	+ ·23	45	42	0	NNE	5	c	3	r, c	*	46	42	—
	Liverpool (Bidston)	30·15	41	N	2	b	30·30	+ ·31	40	36	− 2	N	2	b	2	b	*	46	36	—
	Holyhead ...	30·15	46	N	4	0	30·33	+ ·28	45	42	0	N	3	b	2	c, 0	*	47	41	—
	Parsonstown ...	30·30	42	2	0	0	30·41	+ ·23	40	39	+ 7	2	0	0	*	b, 0	6·7	48	32	—
	Valencia ...	30·30	46	N	2	c	30·44	+ ·20	45	43	+ 2	2	0	c	2	cp, c	2·3	50	38	0·03
	Roche's Point ...	30·23	47	N	4	c	30·41	+ ·26	43	41	+ 2	N	3	bc	3	c	*	50	40	—
	Pembroke (St. Ann's Hd.)	30·12	46	NE	5	0	30·32	+ ·31	44	41	− 1	ENE	4	b	2	b, 0	4·7	49	38	0·01
	Scilly	30·08	47	N	6	cp	30·27	+ ·31	47	44	− 3	NNE	4	cp	3	fl, bc, cp	5·5	50	42	0·29
	Prawle Point ...	30·05	42	N	3	b	30·25	+ ·35	40	39	− 2	N	4	c	3	b	*	52	50	—
	Jersey (St. Aubin's)	29·95	48	NNW	6	oprshq	30·17	+ ·31	48	45	+ 2	NNE	5	cq	3	prshgq	*	49	43	0·26
	Hurst Castle ...	29·96	48	N	4	cm	30·18	+ ·33	40	38	− 1	N	4	bm	2	p, cm	*	48	37	0·01
	Dungeness ...	29·82	47	N	5	r	30·03	+ ·28	42	40	0	N	5	0	4	bc, r	*	54	41	0·20
	North Foreland	29·84	49	N	6	0	30·02	+ ·27	46	43	+ 3	NW	6	cq	5	opq	*	50	42	0·02
	London (Brixton) ...	29·94	45	NNE	5	orq	30·16	+ ·36	40	38	− 3	N	3	b	*	orq, 0, b	0·0	45	37	0·02
	Oxford	30·07	41	N	3	0	30·22	+ ·36	38	36	− 2	N	2	b	*	0, b	*	49	35	—
	Cambridge ...	29·97	44	NNW	4	0	30·16	+ ·39	38	37	− 5	NNW	5	b	*	rq, 0	0·0	47	35	0·21
	Yarmouth ...	29·85	47	N	5	rq	30·05	+ ·36	49	46	+ 6	N	6	cgq	5	orgq	*	49	41	0·47
GERMANY & HOLLAND.	Cuxhaven ...	29·76	50	SSE	2	0	30·10	+ ·42	41	40	− 8	S	1	b	*	a, 0, w	*	50	39	—
	Berlin	29·92	50	2	0	b	30·17	.	43	42	.	S	2	b	*	b	*	55	41	—
	Wiesbaden ...	*	*	*	*	*	30·09	+ ·33	45	44	− 3	SW	1	0	*	*	*	54	43	0·12
	Munich	30·00	41	E	1	b	30·06	+ ·18	39	39	− 7	E	1	f	*	b	*	52	36	0·04
	The Helder ...	29·74	49	SW	3	0	30·04	+ ·37	45	43	− 3	SSE	1	bc	1	0	*	50	43	0·04
BELGIUM.	Brussels ...	*	*	*	*	*	30·02	+ ·27	39	38	− 4	SSE	3	b	*	c	*	48	36	0·12
	Cape Gris Nez ..	29·79	48	NW	2	0	29·94	+ ·23	48	45	+ 6	NNE	5	r	5	0	*	50	42	0·35
	Paris	29·89	43	NE	1	0	30·06	+ ·25	40	40	− 3	SW	1	b	*	0	*	48	37	0·04
	Brest	30·04	47	N	3	c	30·21	+ ·35	43	39	+ 2	NNE	2	bc	2	c	*	54	36	0·04
	Lorient	29·89	52	N	6	?	?30·04	+ ·28	?52	?47	+ 9	NNE	6	m	6	m	*	?	43	0·75
FRANCE &	Rochefort ...	29·91	46	NNE	6	c	30·09	+ ·39	46	46	− 3	NE	3	r	*	c	*	54	45	0·32
	Belfort	29·89	46	WSW	2	0	30·06	+ ·26	41	40	− 3	W	1	0	*	0	*	59	41	0·39
	Lyons	29·93	44	S	1	b	30·08	+ ·23	42	38	− 4	SSW	1	b	*	b	*	59	39	—
	Nice	29·95	55	SW	3	c	30·01	+ ·17	50	46	− 3	ENE	4	c	3	c	*	64	46	—
	Perpignan ...	30·00	47	2	0	0	30·08	+ ·16	42	40	− 6	NE	1	b	*	0	*	60	38	0·02
	Biarritz ...	29·98	52	NW	8	r	30·08	+ ·09	55	45	+ 5	SSW	4	r	5	fl, rh	*	55	45	0·[illegible]
PENINSULA.	Corunna ...																*			
	Lisbon	30·25	51	N	4	b	30·29	+ ·07	52	45	− 3	NNE	5	b	*	b	*	64	48	—
	Azores (P. Delgada)	30·09	68	SSE	6	c	29·93	− ·28	65	62	− 2	SSE	7	r	8	c	*	70	64	0·35

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next p*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster*

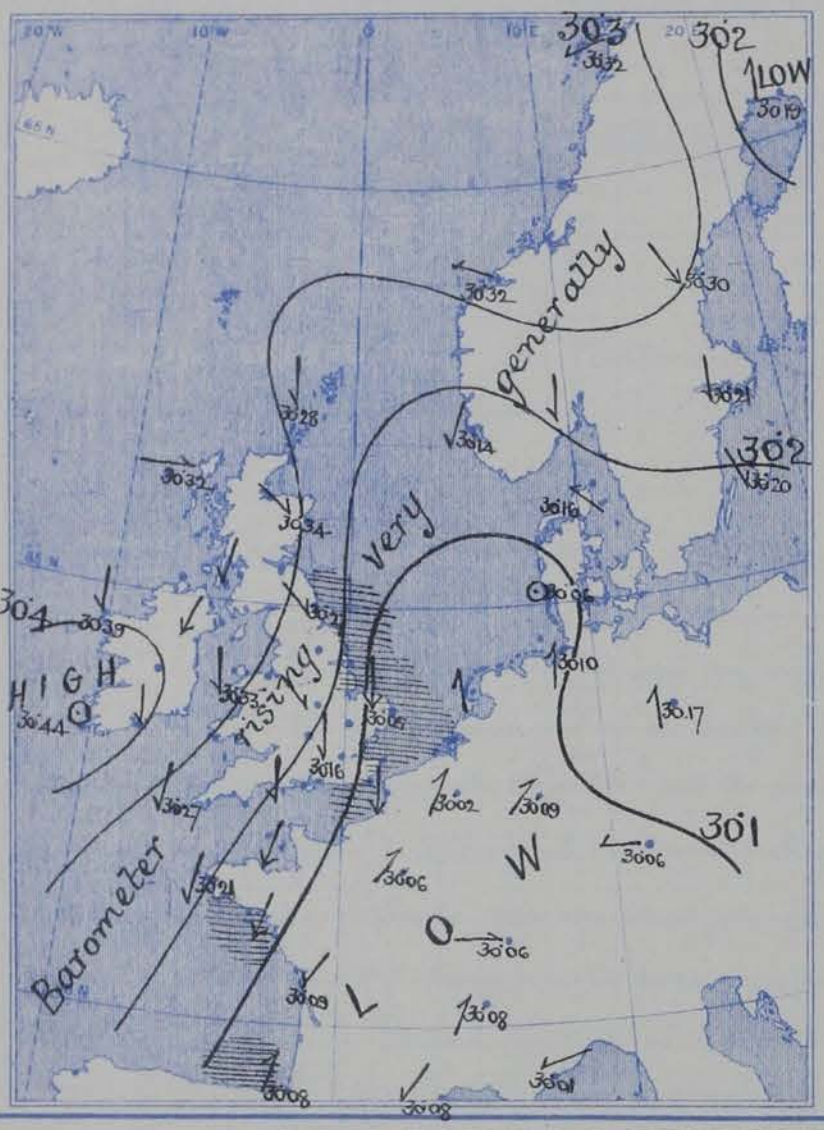
Bright Sunshine yesterday Southport 6·5 hrs; Eastbourne 0·5 hrs; Hastings 0·6 hrs; Brighton 0·7 hrs.

WEATHER CHARTS

FOR Tuesday, 13th October, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	68*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·919	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.4 ins. in the south of Ireland; 30.3 ins. and upwards in an anticyclone extending from the Atlantic over all the more W.ern and N.ern parts of the United Kingdom and also over the N. of Scandinavia.
Lowest 30.1 ins. and less in a large shallow area embracing France, the Netherlands, W.ern Germany & the southern parts of the North Sea.
Gradients slight generally, but moderate over the E. and S. of England. Barometer rising in all places.

TEMPERATURE

Highest 55° at Biarritz, 50° at Nice, 49° at Skagen and Yarmouth, and 48° at Wisby, Fanö, Spurn H.d and Jersey.
Lowest (1) 28° at Haparanda, and 33° at Bodö; (2) 30° at Wick, 34° at Ardrossan, 35° at Leith, and 38° at Nairn, Oxford and Cambridge.
Frost occurred last night in Scotland, and on the surface of the ground over the inland parts of England, the lowest readings reported being:—(1) In the screen 27° at Wick, 29° at Ardrossan, and 30° at Prawle Pt.; (2) on the grass 30° at Loughborough, and 34° in London.

WIND

N.ly over the greater part of our Islands, the north and west of France and the south of Scandinavia, but backing to the W.nd on our extreme NW. coasts, fresh or strong in force in the E. and SE. of England and also in the N. of France.
Light from the SW.nd over central France, and from the S.nd over Germany and the Netherlands; E.ly in the west of Norway.

WEATHER

Fine over NW.ern Europe as a whole, but dull on our extreme N. and NW. coasts, and showery on the E. coast of England, with sleet at Spurn Head.
Rainy in the SW. of France; dull in Denmark and the south of Sweden, with rain at Fanö.
Rain fell yesterday in many parts of W.ern Europe, the largest amounts being 0.9 in. at Biarritz, 0.8 in at Lorient, and 0.6 in. in London and at Wisby. Thunderstorms occurred at Scilly and Biarritz and an aurora was seen at Wick.

SEA

Rather rough off the E. and SE. of England, and also on the French coasts, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the west appears to be still spreading eastwards, but on our extreme northwest coasts there are some slight indications of the advance of other disturbances from the Atlantic.

FORECASTS

For the 24 hours ending at NOON on 14TH OCT. 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	NW.ly to W.ly winds, light; fair at first, cloudy later, possibly some rain.	6 SCOTLAND WEST	Same as Nos. 0 and 1.
		7 ENGLAND N.W.	Same as No. 2.
2 ENGLAND N.E.	N.ly to NW.ly winds, light, fine generally.	8 ENGLAND S.W.	N.ly winds, light or moderate, fine generally.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	N.ly winds, light, fine generally, frosty at night with local fogs.	9 IRELAND NORTH	Same as Nos. 0 and 1.
		10 IRELAND SOUTH	Same as No. 2.
		WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.92	49	44	N	6	c	5
Sumburgh Head	30.08	43	39	N	3	c	4
Stornoway	30.07	44	42	N	3	o	3
Aberdeen	30.11	43	39	NW	5	bcq	4
Shields	30.03	44	41	N	5	cp	6
Ardrossan	30.15	44	42	N	3	c	2
Malin Head ...	30.20	45	42	N	4	c	2
Belmullet	30.28	48	42	NNE	5	c	*
Holyhead ...	30.12	47	42	NNE	5	c	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F	WEA.	SEA.
Valencia	30.07	48	43	N	3	cp	3
Scilly	30.05	50	45	N	6	bc	5
Jersey	29.89	49	47	N	5	cpars	4
Hurst Castle ...							
Dungeness ...	29.77	50	46	NW	2	bc	2
North Foreland	29.79	49	47	W	2	c	2
London (Westminster)	29.85	45	44	NNW	4	orq	*
Yarmouth ...	29.77	48	46	N	4	orq	4
Rochefort ...	29.76	49	48	NNE	5	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine in the W. and N. of our Islands generally, but with showers in a few places. Dull over the central and SE^rn parts of England, as well as over France, Italy, Germany, Austria and the Netherlands, with rain in many places. Fine in Spain, and also over Russia and the N. of Sweden, but rainy in the west of Norway. Rain falling later in many parts of W^rn and central Europe — heavily in places. Thunderstorms occurring at Scilly and Biarritz and an Aurora seen at Wick.

Temperature rises in our Islands, but falls in most of the Continental countries. Morning reading highest 76° at Sfax, 70° at La Calle, 69° at Constantinople, and 68° at Naples and Lesina; above 60° at the Mediterranean and Adriatic stations generally. Lowest (1) 33° at Haparanda, 34° at Bodo, and 36° at Hernösand (2) 33° at Portsmouth, and 37° at Stornoway (below 40° in the North of Scotland generally). Daily maxima below 45° in the N. of Scotland, and below 50° at all but our extreme S^rn stations. Thermometer exceeding 55° in the S. of France, and reading 64° at Nice. Frost occurring in many parts of the United Kingdom at night.

Wind N^ly over our Islands and the W. of Norway, and strong to a gale in force on our NE. coasts and also at the mouth of the Channel. NW^ly in Portugal, and W^ly or SW^ly over Spain and the S^rn parts of France and Germany. Light and variable over Denmark & N. Germany; calm in Sweden; S^ly or SE^ly in Russia, and also in Italy. Subsequently veering to the N^wd in France, no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards in an anticyclone over the S. of Russia; 30.2 ins. and upwards in another large system extending from the Atlantic over the W. of Ireland, and also over Portugal. Lowest 29.7 ins. and less in three depressions, — one lying over the W. of France, another over the Netherlands, and a third over N. Germany. Depressions subsequently moving SE^wds, and barometer rising over W^rn Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 14th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30·54	28	NE	0	r	30·76	+·67	25	24	−3	NE	0	b	*	b	*	36	21	-
	Hernösand ...	30·68	29	NE	0	b	30·66	+·56	32	31	−6	NE	0	b	*	b	*	45	28	-
	Stockholm ...	30·68	41	ME	2	b	30·91	+·70	37	36	−6	ME	2	b	*	b	*	50	37	-
	Wisby	30·62	42	N	4	b	30·76	+·56	45	43	−3	ESE	4	0	*	b	*	50	37	-
	Karlstad ...	30·63	45	E	2	bc	30·87	+·62	41	40	−1	ENE	2	b	*	bc	*	*	*	-
	Bodö	30·54	36	NE	0	0	30·69	+·31	39	34	+6	E	4	0	1	0	*	?	32	0·04
	Christiansund ...	30·50	37	ESE	1	b	30·69	+·37	43	39	+5	SE	2	b	2	b	*	45	36	-
	Skudesnaes ...	30·49	48	ESE	2	b	30·71	+·57	46	44	+2	ENE	2	b	1	b	*	54	41	*
	Færder (Christiania Fjord)	30·56	46	ME	3	0	30·81	+·58	46	45	0	ME	3	r	2	0	*	46	46	0·12
	Skagen (The Scaw)	30·52	50	E	3	0	30·72	+·56	49	46	0	ESE	5	b	2	0	*	54	49	-
	Fanö	30·38	48	ENE	3	b	30·48	+·42	48	48	0	E	4	b	*	b	*	59	46	0·08
BRITISH ISLANDS	Sumburgh Head	30·44	43	N	1	0	30·59	+·31	43	40	+2	NE	0	0	3	0	*	46	38	-
	Stornoway ...	30·41	47	NE	0	0	30·53	+·21	43	42	+2	W	3	bc	3	0	0·7	50	39	-
	Wick	30·41	43	NW	1	bc	30·56	+·25	38	37	+8	NW	2	bc	2	bc	*	46	29	-
	Nairn	30·45	39	W	2	c	30·58	+·23	36	32	−2	NE	0	0	1	c	*	48	27	-
	Aberdeen ...	30·47	43	NNW	2	cp	30·58	+·24	44	43	+4	W	2	cm	3	p.bc.p	3·3	47	36	0·01
	Leith	30·43	37	NE	0	bc	30·51	+·17	41	40	+6	WSW	2	m	*	bc	*	52	34	0·05
	Shields	30·37	47	NNW	3	cp	30·46	+·19	50	49	+11	NE	3	0	4	r.p	*	50	38	0·16
	Spurn Head ...	30·24	48	NNE	4	c	30·34	+·19	53	52	+5	NE	3	bcp	4	cp	*	53	45	0·02
	York	30·34	44	N	1	b	30·41	+·17	48	47	+9	N	1	b	*	b	4·9	49	37	0·02
	Loughborough ...	30·31	44	NW	2	bc	30·34	+·10	45	44	+6	NNE	2	cm	*	bc.c.m	*	48	39	-
	Ardrossan ...	30·43	41	NE	0	bm	30·52	+·15	41	41	+7	NE	1	cm	1	bm	*	44	33	-
	Malin Head ...	30·43	48	N	2	c	30·49	+·13	45	43	0	S	1	bm	0	o.c	*	50	40	0·02
	Belmullet ...	30·46	47	NNW	2	bc	30·47	+·08	46	44	0	N	2	0	*	bc	*	52	43	-
	Donaghadee ...	30·44	46	NNE	4	b	30·49	+·13	48	45	+3	NE	6	0	4	b	*	51	44	-
	Liverpool (Bidston)	30·39	43	N	2	b	30·40	+·10	44	42	+4	NNE	1	b	?	b	*	49	36	-
	Holyhead ...	30·40	47	NNE	3	b	30·40	+·07	50	47	+5	NE	3	o g	2	bc.b	*	50	41	-
	Parsonstown ...	30·44	46	NE	0	c	30·48	+·07	30	30	−10	NE	0	b	*	c.b	1·2	50	29	-
	Valencia ...	30·46	46	NE	1	bc	30·45	+·01	45	42	0	ENE	1	b	2	bc	4·3	52	39	-
	Roche's Point ..	30·42	48	NNE	2	c	30·44	+·03	41	38	−2	NNE	3	bc	3	c	*	52	38	-
	Pembroke (St. Ann's Hd.)	30·36	45	NE	3	b	30·34	+·02	45	44	+1	ENE	3	b	2	b	9·5	45	42	-
	Scilly	30·32	50	N	5	c	30·30	+·03	50	45	+3	NNE	5	c	2	cp.c	2·9	51	44	0·04
	Prawle Point ...	30·29	44	NNW	3	bc	30·25	·00	44	43	+4	NNE	4	0	3	c.p	*	54	37	0·01
	Jersey (St. Aubin's)	30·21	50	NNW	4	cq	30·17	·00	46	45	−2	NW	4	opm	3	bc.gr	*	52	45	0·38
	Hurst Castle ...	30·20	47	NNE	2	m	30·23	+·05	48	46	+8	NE	3	cm	3	cm.rm	*	51	40	0·01
	Dungeness ...	30·10	50	E	4	c	30·20	+·17	43	42	+1	N	3	c	2	op.c	*	51	41	0·02
	North Foreland	30·14	50	E	3	c	30·24	+·22	53	49	+7	E	2	bc	2	ph.c.tlr	*	53	42	1·19
	London (Brixton) ...	30·19	47	NE	1	0	30·26	+·10	45	44	+5	NE	2	b	*	bc.op.or	2·8	49	40	0·49
	Oxford	30·29	44	N	3	0	30·29	+·07	46	44	+8	NNE	2	b	*	bc.o	*	51	38	-
	Cambridge ...	30·23	48	N	4	tlr	30·29	+·13	46	45	+8	NNE	1	bm	*	bc.p.tlr	3·2	50	39	0·18
	Yarmouth ...	30·15	50	ESE	4	c	30·25	+·20	53	51	+4	ENE	5	c	4	cq.c.l	*	53	48	0·16
GERMANY & HOLLAND	Cuxhaven ...	30·23	52	E	3	0	30·31	+·21	52	52	+11	ENE	5	0	*	0	*	54	41	-
	Berlin	30·29	49	E	4	c	30·19	+·02	50	49	+7	NE	4	0	*	c	*	57	43	0·51
	Wiesbaden ...	*	*	*	*	*	30·12	+·03	52	49	+7	N	1	0	*	*	*	54	45	0·04
	Munich	30·17	44	NE	0	0	30·08	+·02	44	44	+5	E	1	0	*	0	*	45	39	-
	The Helder ...	30·22	50	ESE	1	0	30·27	+·23	50	49	+5	ENE	5	0	2	0	*	52	45	0·08
BELGIUM	Brussels ...	*	*	*	*	*	30·20	+·18	40	40	+1	NNW	1	f	*	b	*	53	36	0·04
	Cape Gris Nez...	30·08	48	E	3	0	30·13	+·19	40	39	−8	E	1	m	2	0	*	52	39	-
	Paris	30·11	43	SSW	2	c	30·17	+·11	35	34	−5	N	1	f	*	c	*	48	35	-
	Brest	30·28	46	ENE	1	c	30·21	·00	46	43	+3	NNE	3	c	2	c	*	52	41	-
	Lorient... ...	30·25	47	NE	4	bc	30·16	+·12	48	47	−4	N	5	c	3	bc	*	48	41	-
FRANCE	Rochefort ...	30·19	51	NE	3	c	30·15	+·06	51	49	+5	NNE	3	0	*	c	*	55	46	-
	Belfort	30·11	46	E	2	bc	30·01	−·05	41	41	0	NE	0	b	*	bc	*	55	37	-
	Lyons	30·15	45	NNW	1	b	30·07	−·01	44	40	−1	NW	2	r	*	b	*	56	40	0·12
	Nice	29·98	55	NE	0	c	29·94	−·07	53	51	+3	E	6	r	4	c	*	63	50	0·244
	Perpignan ...	30·13	51	W	3	0	30·13	+·05	47	42	+5	NW	3	b	*	0	*	55	42	-
	Biarritz ...	30·14	53	NW	5	b	30·13	+·05	51	47	−4	SW	4	c	3	tlrh	*	55	45	0·43
PENINSULA	Corunna ...																*			
	Lisbon	30·26	52	NE	4	b	30·28	−·01	51	46	−1	NNE	2	b	*	b	*	61	46	-
	Azores (P. Delgada)	29·82	69	S	6	c	29·85	−·08	64	60	−1	NNW	4	bc	6	c	*	72	63	0·20

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the roof of the Wesleyan Training College, Westminster.*

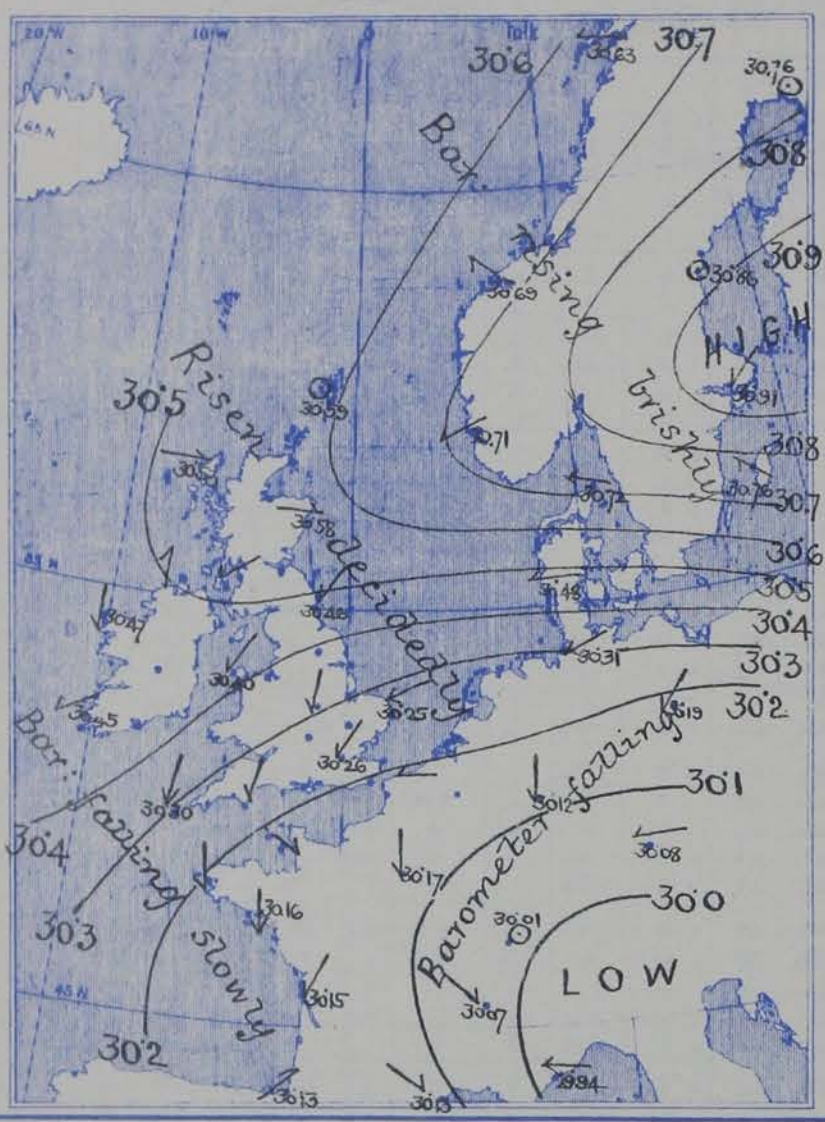
Bright Sunshine yesterday Southport 7·4 hrs; Eastbourne 0·5 hrs; Hastings 0·2 hr., Brighton 3·9 hrs.

WEATHER CHARTS

FOR *Wednesday, 14th October, 1896.*

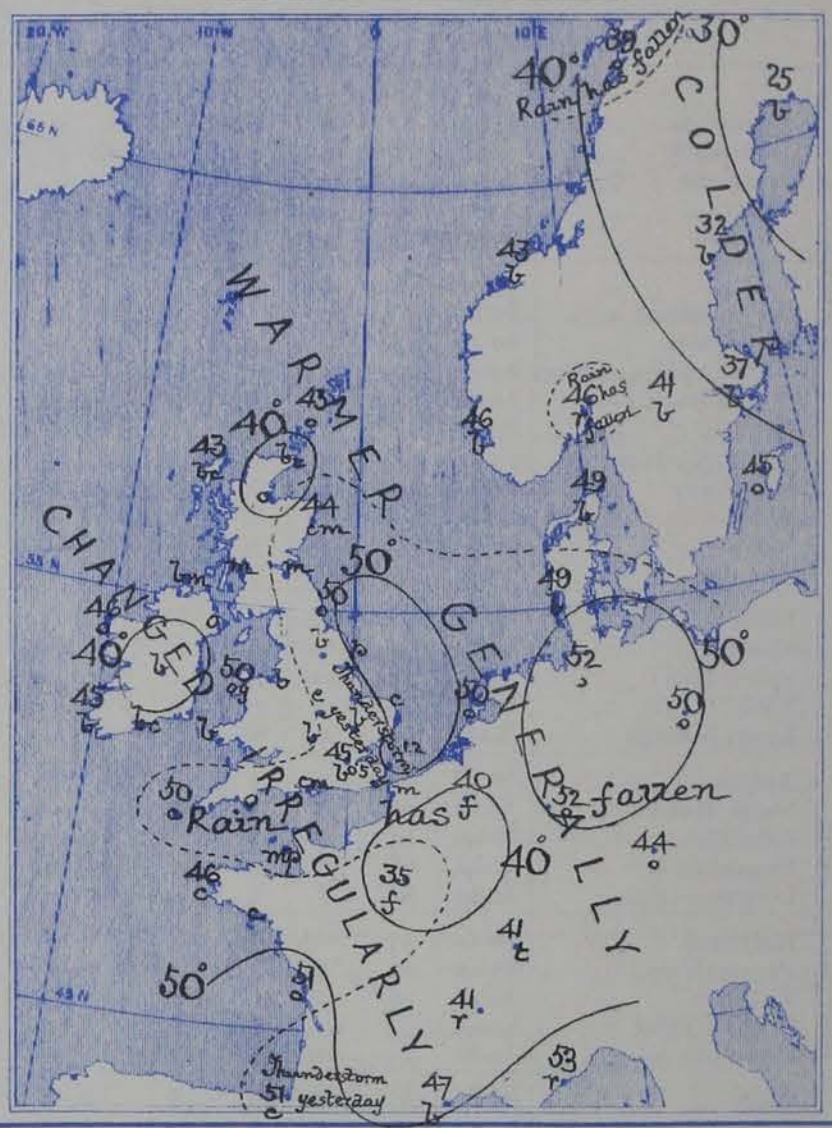
BAROMETER, WIND AND SEA.

BAROMETER Isobars are drawn for each tenth of an inch.
WIND Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 8 to 10* ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA — *Rough* ▤ : *High* ▬



TEMPERATURE & WEATHER.

TEMPERATURE — Isotherms are drawn for each 10°.
WEATHER Shown by Letters of the Beaufort Scale.
RAINFALL — A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871–95.	TEMPERATURE OF AIR 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866–95.	BRIGHT SUNSHINE. Means, 1881–95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·0	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·9 in: and upwards, over the southern part of the Gulf of Bothnia; 30·5 in: and upwards, in an anticyclone extending from northern Europe to Scotland.
Lowest, 30·0 in: and less, in a shallow depression over the south east of France.
Gradients slight generally, but rather steep over Denmark, North Germany, and the Baltic
Barometer falling a little in the west of our Islands, as well as at most of the French and German stations, but rising elsewhere.

TEMPERATURE

Highest, 53° at Nice, and 51° at Rochefort, Biarritz and Lisbon; (2) 53° at Spurn Hd., Yarmouth, and the North Foreland, and 52° at Aufraven and Wiesbaden.
Lowest, (1) 25° at Haparanda, 32° at Hernösand, and 37° at Stockholm; (2) 30° at Parsonstown, 36° at Nairn, and 38° at Wick.
Frost occurred last night at many of our western and northern stations, the sheltered thermometer falling to 27° at Nairn, and 29° at Wick and Parsonstown

WIND

Light to fresh from the E.ly or NE.ly over Western Europe on a whole, but calm in the north of Sweden, light from the W.ly in Scotland and NW.ly at some of the French stations.

WEATHER

Fine over the greater part of our Islands and also in Denmark and Scandinavia, but cloudy at some of our central stations.
Cloudy or dull in most parts of France, Germany, and the Netherlands, with fog at Brussels and Paris, rain at Lyons and Nice, and thunder at Belfort.
Rain fell yesterday in the east and south of our Islands and the neighbouring parts of the Continent, the largest amounts being 1·2 in: at the North Foreland and 0·5 in: in London. Thunderstorms have occurred at the North Foreland, Cambridge and Biarritz, and lightning at Yarmouth.

SEA

Moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the north appears to be spreading slowly southwards, and fair weather is likely to continue for a time over the greater part of the United Kingdom. Over Germany there are some indications of the formation of a new depression, but it is at present doubtful whether this will affect the weather in our Islands.

FORECASTS

For the 24 hours ending at NOON on 15th Oct. 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Light Variable airs; fair generally, but with mist or fog in places.	6 SCOTLAND WEST 7 ENGLAND N.W.	NE.ly winds, light; fair generally but local fogs.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No. 5.	8 ENGLAND S.W.	NE.ly winds, moderate or fresh; cloudy, local showers.
5 ENGLAND SOUTH	E.ly and NE.ly winds, light; fair generally.	9 IRELAND NORTH 10 IRELAND SOUTH	Light breezes, chiefly NE.ly; fair generally.
		WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes	30·35	54	49	SE	2	bc	2
Sumburgh Head	30·37	45	40	N	1	0	3
Stornoway	30·39	50	48	W	2	0	2
Aberdeen	30·42	46	41	NW	3	bc	3
Shields	30·34	44	43	NNW	3	r	5
Ardrossan	30·38	44	42	W	0	bm	0
Malin Head	30·40	50	49	NW	3	0	1
Belmullet	30·43	51	48	NNW	2	bc	*
Holyhead	30·38	47	41	NNE	2	bc	1
Valencia	30·49	51	46	NW	2	bc	3
Scilly	30·32	50	44	NNE	4	cp	2
Jersey	30·21	51	?	NW	5	bc	4
Hurst Castle	30·19	50	46	N	4	cm	3
Dungeness	30·04	50	49	ENE	5	op	4
North Foreland	30·10	50	47	E	4	o	4
London (Westminster)	30·14	50	45	N	4	op	
Yarmouth	30·10	51	48	NNE	5	cq	5 #
Rochefort	30·18	51	49	NE	3	c	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over northwestern Europe as a whole, but dull on our extreme north and northwest coasts and showery on the east coast of England, with sleet at Spurn Hd. Dull over Denmark, the Baltic and northern Russia, with rain at Faro and St Petersburg. Foggy over south Germany; dull in Italy, with rain at Pesaro, rainy in the southwest of France; fine and bright over the Spanish Peninsula. Rain falling later in the east and south of our Islands, as well as in the neighbouring parts of the Continent, — heavily in the southeast of England at night. Thunderstorms occurring at Cambridge and the North Foreland and also at Biarritz.

Temperature fallen in most countries, but risen a little in Ireland, and also over the central and southern parts of Russia. Morning readings highest 81° at Sfax, 69° at Constantinople, and 68° at Patras and Lesina; above 60° at several of the Adriatic and Mediterranean stations. Lowest (1) 28° at Haparanda and Uleaborg and 33° at Bodö; (2) 30° at Nick and 34° at Ardrossan; (3) 32° at Madrid. Rising later to 50° or a little above in many parts of the United Kingdom, to 55° and upwards in the south of France and to 63° at Nice. Frost occurring in the east and north of our Islands at night.

Wind N^ly over the greater part of our Islands and the west and north of France, as well as in Finland and the south of Scandinavia; fresh or strong in force in the east and southeast of England and the north of France. Light from the SW^ly over Central France, and from the S^ly over the Netherlands and western Germany, but calm or variable over Austria and Eastern Germany. N^ly or NE^ly over Spain and Central Italy. SE^ly over the central and southern parts of Russia. Subsequently veering to the E^ly in the southeast of England; no important change occurring elsewhere.

Barometer highest 30·4 in. and upwards in the south of Ireland; 30·3 in. and upwards in an anticyclone covering the west and north of our Islands and the north of Scandinavia and also in another system over the south of Russia. Lowest 29·9 in. and less, in a depression having its centre near St Petersburg, 30·0 in. and less, in two shallow systems lying respectively off the coasts of Sardinia and Tunis. General rise taking place later, briskly in Scandinavia, but shallow depression forming over the northeast of France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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,, Weekly ,, ,, £1 10 0 ,,

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 15th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·73	40	SW	2	b	30·60	-·16	41	39	+16	SW	2	b	*	b	*	41	19	-
	Hernösand ...	30·92	41	S	2	b	30·84	-·02	39	37	+7	S	2	c	*	b	*	50	25	-
	Stockholm ...	30·97	44	ENE	2	0	30·81	-·10	46	43	+9	ESE	4	0	*	0	*	48	34	-
	Wisby	30·80	46	ESE	6	bc	30·69	-·07	46	43	+1	SE	6	b	*	bc	*	50	43	-
	Karlstad ...	30·85	44	NE	4	0	30·69	-·18	45	41	+4	ENE	6	0	*	0,r	*	*	*	-
	Bodö	30·64	46	SW	6	0	30·47	-·16	49	43	+10	SW	7	c	4	0	*	49	37	0·04
	Christiansund ...	30·76	44	S	2	bc	30·60	-·09	41	38	-2	E	3	b	3	bc	*	50	41	-
	Skudesnaes ...	30·69	50	E	4	c	30·52	-·19	49	44	+3	E	2	0	2	b,c	*	56	45	*
	Færder (Christiania Fjord)	30·78	48	NE	4	b	30·59	-·22	45	44	-1	NNE	4	0	2	b	*	50	45	0·16
	Skagen (The Scaw)	30·63	48	E	7	r	30·49	-·23	49	47	0	E	4	0	1	r	*	50	46	0·24
	Fanö	30·28	51	E	8	0	30·20	-·28	53	53	+5	E	6	0	*	0	*	54	48	0·04
BRITISH ISLANDS.	Sumburgh Head	30·60	48	S	2	c	30·50	-·09	44	44	+1	E	0	bc	3	o,c	*	52	41	-
	Stornoway ...	30·55	45	E	0	0	30·49	-·04	35	35	-8	W	2	c	2	bc,o	7·7	54	32	-
	Wick	30·57	50	NW	2	c	30·47	-·09	33	32	-5	NW	2	b	3	c	*	57	31	-
	Nairn	30·57	44	E	0	bf	30·51	-·07	40	39	+4	E	0	f	1	bc	*	49	30	-
	Aberdeen ...	30·59	47	ENE	2	bcw	30·47	-·11	46	44	+2	NNW	2	c	4	bc	3·1	54	43	-
	Leith	30·53	40	ENE	1	0	30·42	-·09	48	47	+7	NNE	3	0	*	0	*	55	38	-
	Shields	30·45	51	NE	2	bm	30·32	-·14	50	49	0	NE	4	d	4	b,bm	*	54	48	0·04
	Spurn Head ...	30·31	52	NE	5	0	30·15	-·19	52	52	-1	NNE	4	or	5	c,or	*	56	50	0·03
	York	30·39	53	NE	2	0	30·23	-·18	51	50	+3	N	2	0	*	bc,o	6·3	58	46	0·02
	Loughborough ...	30·30	53	NE	4	0	30·17	-·17	50	49	+5	N	3	odm	*	cq,or,d	*	57	45	0·08
	Ardrossan ...	30·49	49	ENE	2	bm	30·41	-·11	48	47	+7	N	3	0	2	bm	*	54	40	-
	Malin Head ...	30·47	50	NNE	1	bc	30·44	-·05	50	49	+5	N	1	cm	0	b,bc	*	50	43	-
	Belmullet ...	30·45	45	E	1	b	30·43	-·04	44	42	-2	ENE	1	b	*	b	*	54	42	-
	Donaghadee ...	30·47	54	NE	5	b	30·39	-·10	50	48	+2	NE	6	b	4	b	*	55	47	-
	Liverpool (Bidston)	30·38	51	ENE	3	b	30·26	-·14	50	47	+6	N	2	0	2	b	*	56	44	-
	Holyhead ...	30·39	54	NE	3	b	30·30	-·10	51	49	+1	NNE	4	om	3	b	*	54	47	-
	Parsonstown ...	30·43	46	E	0	b	30·40	-·08	37	36	+7	E	0	f	*	b	5·8	51	30	-
	Valencia ...	30·40	46	ENE	1	bm	30·38	-·07	46	44	+1	NE	2	bc	3	b,bm	9·2	57	37	-
	Roche's Point ..	30·38	50	NNE	2	b	30·36	-·08	47	45	+6	NNW	2	b	3	b	*	54	40	-
	Pembroke (St. Ann's Hd.)	30·28	51	NE	4	b	30·21	-·13	51	49	+6	NE	5	bc	2	b	7·1	54	45	-
	Scilly	30·23	52	NNE	4	c	30·19	-·11	54	51	+4	NNE	6	c	3	c	3·9	54	47	0·07
	Prawle Point ...	30·21	48	NNE	3	bc	30·09	-·16	49	48	+5	NNE	5	op	4	c,op	*	53	42	0·05
	Jersey (St. Aubin's)	30·16	51	E	3	ogmd	30·08	-·09	48	46	+2	ESE	4	ogm	3	bc,gm†	*	54	45	0·56
	Hurst Castle ...	30·15	53	NE	3	p	30·10	-·13	52	51	+4	NE	3	gmd	2	om,p	*	56	47	0·10
	Dungeness ...	30·06	54	NE	5	qp	30·11	-·09	53	51	+10	S	3	o	3	o,qp	*	55	43	0·15
	North Foreland	30·12	53	NE	5	qp	30·16	-·08	52	50	-1	S	2	o	2	o,qp	*	55	49	0·26
	London (Brixton) ...	30·17	53	ENE	2	o	30·12	-·14	52	52	+7	S	1	o	*	bcm,orq	0·5	56	44	0·14
	Oxford	30·22	51	NE	3	o	30·13	-·16	50	50	+4	NNE	2	r	*	c,r	*	57	46	0·08
	Cambridge ...	30·23	52	NNE	4	o	30·12	-·17	53	53	+7	N	1	df	*	bc,or	1·9	56	44	0·16
	Yarmouth ...	30·18	53	NE	6	qp	30·12	-·13	53	52	0	SSE	3	c	4	cqp,qr	*	55	50	0·18
GERMANY & HOLLAND.	Cuxhaven ...	30·12	52	E	4	r	30·11	-·20	55	55	+3	ESE	3	r	*	r	*	57	52	0·04
	Berlin	30·16	60	NE	4	c	30·16	-·03	59	58	+9	E	5	c	*	c	*	61	50	0·08
	Wiesbaden ...	*	*	*	*	*	30·13	+·01	52	51	0	E	0	o	*	*	*	57	50	-
	Munich... ..	30·05	44	SW	3	o	30·10	+·02	46	46	+2	E	3	o	*	o	*	50	43	-
	The Helder ...	30·09	52	NE	4	o	30·14	-·13	52	52	+2	S	1	bc	1	o	*	54	50	0·08
BELGIUM.	Brussels ...	*	*	*	*	*	30·18	-·02	45	43	+5	S	1	o	*	b	*	48	40	0·04
	Cape Gris Nez...	30·03	50	E	4	r	30·05	-·08	48	45	+8	S	1	f	1	r	*	54	40	0·12
	Paris	30·08	44	NW	2	r	30·18	+·01	41	40	+6	SE	2	b	*	r	*	44	35	0·43
	Brest	30·17	45	NE	3	c	30·00	-·21	51	51	+5	NNE	3	r	2	c	*	52	41	1·14
	Lorient... ...	30·06	50	E	1	0	29·97	-·19	47	47	-1	SW	2	o	2	o	*	50	46	0·39
FRANCE &	Rochefort ...	30·11	49	N	2	o	29·96	-·19	48	48	-3	SE	4	o	*	bc,o	*	59	45	0·24
	Belfort	30·07	45	WSW	1	m	30·13	+·12	41	40	0	N	3	m	*	m	*	53	40	-
	Lyons	30·19	41	NSW	1	r	30·14	+·07	34	33	-7	NE	1	b	*	r	*	44	31	0·08
	Nice	30·09	50	E	0	bc	29·97	+·03	51	44	-2	NW	3	c	1	bc	*	57	45	-
	Perpignan ...	30·19	46	S	2	o	30·15	+·02	37	37	-10	SW	1	b	*	o	*	58	35	-
	Biarritz ...	30·13	49	S	3	r	30·06	-·07	48	44	-3	SW	4	o	2	r,tlr	*	54	45	0·51
PENINSULA.	Corunna ...																*			
	Lisbon	30·20	52	NNW	4	b	30·15	-·13	51	45	0	N	2	bc	*	b	*	63	48	-
	Azores (P. Delgada)	29·88	66	NSW	4	c	29·87	+·02	66	61	+2	W	4	bc	5	e	*	72	61	0·08

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

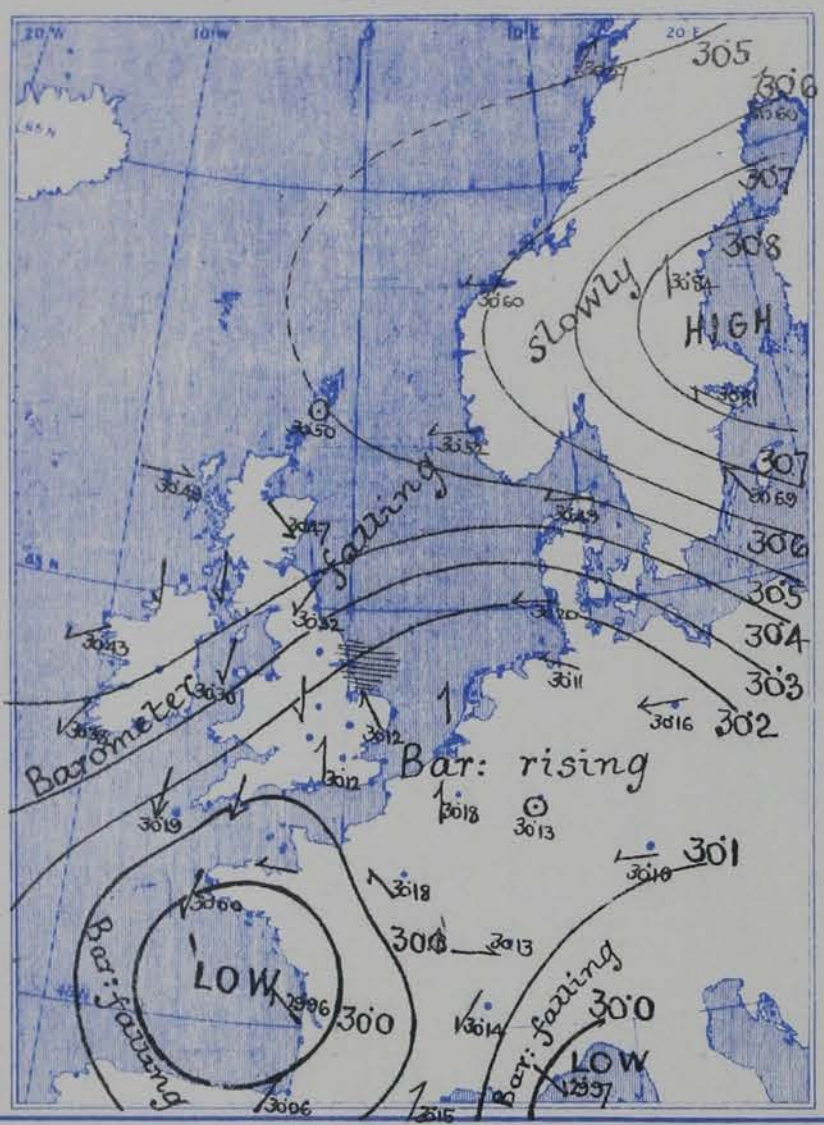
Bright Sunshine yesterday Southport 6·2 hrs; Eastbourne 3·2 hrs; Hastings 2·8 hrs. Brighton 4·7 hrs.

WEATHER CHARTS

FOR Thursday, 15th October, 1896.

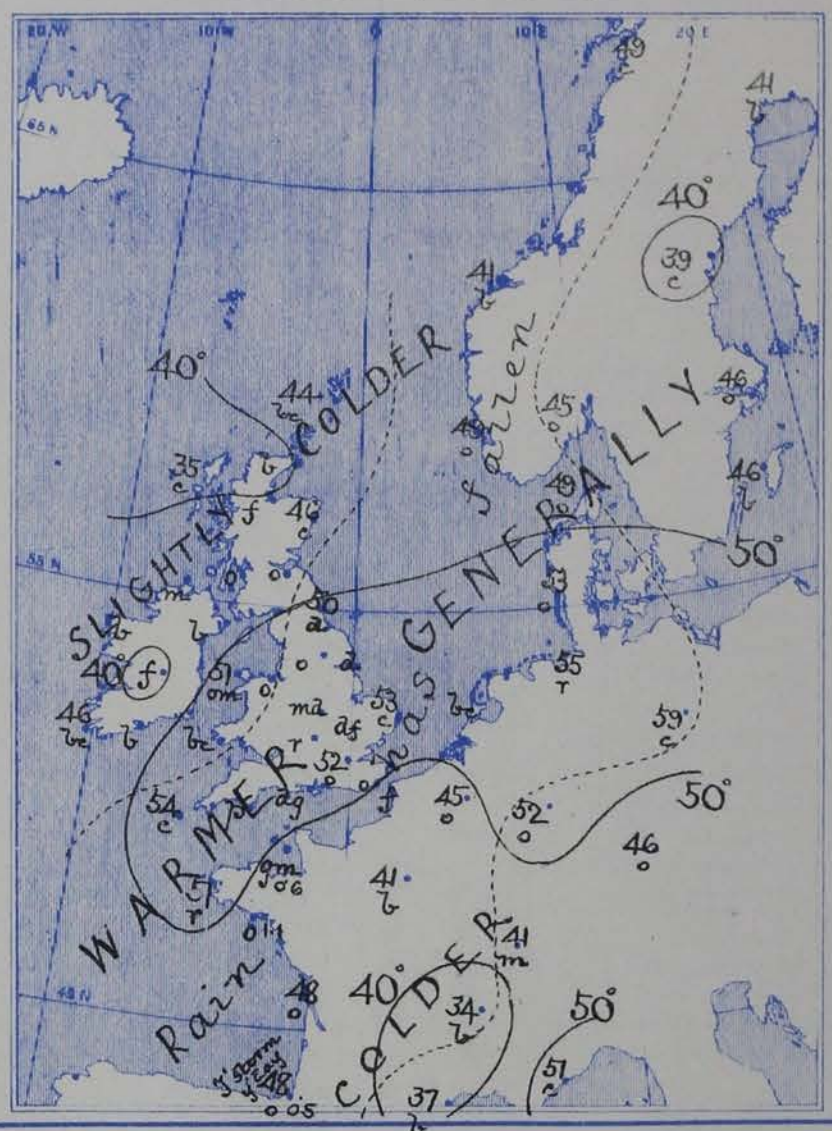
BAROMETER, WIND AND SEA.

BAROMETER Isobars are drawn for each tenth of an inch.
WIND Arrows shew Directions and Force, flying with the wind.
Force above 10 ; Force 5 to 7 ; Force 8 to 10 ; Force 1 to 4 ; Calm ⊙
SEA — Rough ; High



TEMPERATURE & WEATHER.

TEMPERATURE — Isotherms are drawn for each 10°.
WEATHER Shown by Letters of the Beaufort Scale.
RAINFALL — A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·3	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·8 in. and upwards, over Central Sweden and the neighbouring parts of the Baltic and Gulf of Bothnia; 30·5 in. and upwards in an anticyclone covering nearly the whole of Scandinavia and the adjacent parts of the Atlantic.

Lowest, 30·0 in. and less, in a depression over the Bay of Biscay and the west of France.

Gradients moderate to rather steep over Denmark, the south of Sweden and the central parts of the North Sea, as well as at the mouth of the English Channel, but slight elsewhere.

Barometer falling in most places, but rising over the southwest of England, the Netherlands and the northwest of France.

TEMPERATURE

Highest, 59° at Berlin, 55° at Cuxhaven, 54° at Scilly, and 53° at Fanö, Dungeness, Cambridge, and Yarmouth.

Lowest, (1) 34° at Lyons, 37° at Perpignan, 41° at Paris and Belfort; (2) 37° at Parsonstown; (3) 39° at Hermosand.

During yesterday the thermometer rose to 55° and upwards in many parts of Great Britain and to 58° at York.

WIND

Moderate to strong from the E. or SE. over Denmark, North Germany, and the south of Scandinavia; NE. or N. over the greater part of England and Ireland, and strong in force at the mouth of the Channel.

Light from the S. or SE. over the southeast of England, the Netherlands and the north of France; SW. in the south of France.

W. in the north of Scotland and SW. in the north of Scandinavia.

WEATHER

Fine in Ireland and the northern part of Scotland and Scandinavia, as well as in the south of France.

Cloudy or overcast elsewhere, with slight rain in many parts of England; rain is also falling at Cuxhaven and Brest.

Since yesterday morning rain has fallen at many of the English and Continental stations, the largest amounts being 1·1 in. at Brest, 0·6 in. at Jersey, and 0·5 in. at Biarritz, where a thunderstorm is reported.

SEA

Moderate to smooth generally, but rather rough at Spurn Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which was threatening our east coast last evening appears to have moved southwestwards across France. The general distribution of pressure over the southern parts of our area is, however, still very complex, and further falls of rain seem likely to occur at many of the English stations.

FORECASTS

For the 24 hours ending at NOON on 16th Octr 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Light breezes, chiefly N.; fair at first, some rain later.
2 ENGLAND N.E.	NE. winds, moderate or fresh; unsettled, rain at times.
3 ENGLAND EAST	Same as No. 5.
4 MIDLAND COUNTIES	NE. winds, light; unsettled, rain at times.
5 ENGLAND SOUTH	S. and SE. winds, light; unsettled, some rain, mist or fog locally.
6 SCOTLAND WEST 7 ENGLAND N.W.	NE. winds, light or moderate; dull, some rain.
8 ENGLAND S.W.	NE. winds, fresh; cloudy, unsettled, some rain.
9 IRELAND NORTH 10 IRELAND SOUTH	NE. winds, moderate or fresh; fine at first, some rain later.
WARNINGS	At 10·30 am to districts 1, 2, 3, and part of 5 "Lower Cone"

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·74	56	50	ESE	4	b	2
Sumburgh Head	30·61	50	49	S	2	o	3
Stornoway	30·55	54	51	S	3	bc	3
Aberdeen	30·58	53	50	E	2	bc	3
Shields	30·46	53	51	ENE	3	b	4
Ardrossan	30·48	54	53	ENE	2	bm	1
Malin Head ...	30·49	50	49	SSE	1	b	1
Belmullet	30·46	52	49	ENE	2	b	*
Holyhead	30·38	53	49	NE	3	b	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·41	51	44	NE	3	b	3
Scilly	30·24	51	48	N	5	cp	2
Jersey	30·15	53	48	ENE	5	bc	3
Hurst Castle ...	? 30·15	55	51	NE	3	om	2
Dungeness ...	30·12	54	52	NNE	3	o	2
North Foreland	30·17	54	51	NE	4	o	4
London (Westminster)	30·19	56	51	ENE	3	c	*
Yarmouth ...	30·21	55	52	ENE	5	cqp	5
Rochefort ...	30·12	58	55	WSW	1	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the greater part of our Islands as well as in Scandinavia, Denmark, and Russia, but rain reported at Faeroe and snow at Helsingfors. Fine also over the Spanish Peninsula, but dull and unsettled over all the more central parts of Europe, with rain in North Germany, as well as in the south of France and northern Italy. Rain falling later over England and the western parts of the Continent, — heavy in places. Thunderstorm occurring at Biarritz.

Temperature risen generally, but fallen over Northern Europe. Morning readings highest 71° at Brindisi, 70° at Sfax, 69° at Lesina, and 67° at Palermo; above 60° over the Adriatic and the central parts of the Mediterranean generally, and above 55° in some parts of Austria and South Germany. Lowest (1) 25° at Haparanda, 29° at Uleaborg, and 31° at Helsingfors; (2) 30° at Parsontown and 36° at Nairn; (3) 32° at Madrid; (4) 35° at Paris. Rising during day to 55° or a little above it in many parts of England and also in the south of France; reaching 61° at Berlin and 63° at Lisbon.

Wind strong from the E. or NE. over Denmark and the Baltic, and light or moderate from the same quarters over the South of Scandinavia, the North Sea, Netherlands, and the greater part of England and Ireland; N. over the north and west of France and also in Spain; NW. in the south of France. Light from the W. in Scotland, calm in the north of Sweden, light from the N. over northern Russia. SE. in Italy and Austria. Subsequently increasing to a fresh or strong breeze from the NE. on our east and southeast coasts; no important change occurring elsewhere.

Barometer highest 30·91 in. at Stockholm; 30·5 in. and upwards, in an anticyclone covering the greater part of northern and Eastern Europe, and extending Westwards over Scotland. Lowest 29·9 in. and less, in a shallow depression off the south of France. New depression forming later over the Netherlands, and barometer falling in most parts of Western Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 16th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...														*		*			
	Hernösand ...														*		*			
	Stockholm ...														*		*			
	Wisby														*		*			
	Karlstad ..														*		*	*	*	
	Bodö																*			
	Christiansund ...																*			
	Skudesnaes ...	30·41	49	W	0	c	30·28	-·24	46	43	-3	N	4	b	2	0,c	*	50	45	*
	Færder (Christiania Fjord)	30·43	46	N	2	0	30·26	-·33	46	44	+1	N	3	0	2	0	*	48	45	0·04
	Skagen (The Scaw)	30·36	51	E	1	0	30·21	-·28	50	44	+1	NE	3	0	0	0	*	51	46	-
	Fanö	30·11	55	ESE	6	0	30·02	-·18	53	53	0	ENE	6	0	*	0	*	55	53	-
BRITISH ISLANDS	Sumburgh Head	30·42	46	W	0	0	30·36	-·14	49	48	+5	WNW	2	0	3	c,0	*	56	43	0·01
	Stornoway ...	30·48	46	N	1	0	30·46	-·03	41	41	+6	WNW	3	0	3	c,0	3·1	53	33	-
	Wick	30·47	38	NW	2	b	30·39	-·08	42	41	+9	NW	2	bc	2	bc	*	56	31	-
	Nairn	30·43	41	W	0	c	30·44	-·07	40	38	0	W	0	0	1	c	*	47	32	-
	Aberdeen ...	30·42	47	NNW	2	c	30·40	-·07	45	44	-1	NNW	2	bw	4	ogq	0·0	51	40	-
	Leith	30·38	48	NW	1	0	30·38	-·04	47	44	-1	NNE	2	b	*	0		50	43	-
	Shields	30·27	50	NNE	4	0	30·24	-·08	50	48	0	NNE	6	0	6	r,0	*	51	48	0·05
	Spurn Head ...	30·12	52	N	4	0	29·97	-·18	51	51	-1	NNE	7	gqd	6	ogdp	*	52	50	0·13
	York	30·20	52	N	2	0	30·12	-·11	49	48	-2	N	5	r	*	b	0·0	53	48	0·02
	Loughborough ...	30·18	51	NNE	3	0	30·02	-·15	50	50	0	N	5	ogr	*	gd.ogr	*	52	49	0·24
	Ardrossan ...	30·36	51	N	3	om	30·37	-·04	46	45	-2	NW	1	b	1	c,om	*	54	40	-
	Malin Head ...	30·39	50	N	4	om	30·39	-·05	49	47	-1	N	4	bc	2	c,om	*	52	48	-
	Belmullet ...	30·43	49	ENE	1	0	30·44	+·01	50	46	+6	NNE	3	c	*	0	*	53	42	-
	Donaghadee ...	30·38	52	NE	6	c	30·35	-·04	51	48	+1	NE	6	bc	4	c	*	54	49	-
	Liverpool (Bidston)	30·25	50	NNE	2	0	30·17	-·09	51	48	+1	NNE	3	0	3	0	*	53	49	0·01
	Holyhead ...	30·27	52	NNE	5	cm	30·23	-·07	51	49	0	NNE	6	om	5	cmp.m	*	53	48	-
	Parsonstown ...	30·37	49	W	0	b	30·36	-·04	43	41	+6	NW	2	bc	*	bc.bf	3·3	53	36	-
	Valencia ...	30·38	52	NE	4	bcm	30·39	+·01	48	45	+2	NNE	5	c	4	bcq.m	7·6	55	45	-
	Roche's Point ..	30·30	52	NNE	5	0	30·30	-·06	48	45	+1	N	4	bc	4	b.0	*	55	46	-
	Pembroke (St. Ann's Hd.)	30·19	53	NE	5	0	30·11	-·10	53	51	+2	NE	5	oq	3	0	0·0	53	50	-
	Scilly	30·12	54	NNE	5	op	30·08	-·11	54	52	0	N	5	0	3	o.op	0·3	55	48	0·08
	Prawle Point ...	30·14	49	ENE	2	c	29·95	-·14	52	50	+3	N	5	ogp	4	ogp	*	53	47	0·14
	Jersey (St. Aubin's)	30·13	50	ENE	1	bm	29·87	-·21	54	54	+6	NW	4	otm	3	bc,b	*	54	44	0·15
	Hurst Castle ...	30·12	52	W	2	c	29·86	-·24	53	52	+1	NNE	5	0	3	c,op	*	55	40	0·03
	Dungeness ...	30·05	52	W	2	c	29·66	-·45	55	55	+2	N	6	r	4	o.c	*	55	51	0·07
	North Foreland	30·06	52	NW	2	0	29·69	-·47	57	56	+5	N	6	r	5	0	*	57	51	0·22
	London (Brixton) ...	30·09	55	NW	1	0	29·81	-·31	54	53	+2	NNE	5	ogd	*	og.ogr	0·2	59	52	0·07
	Oxford	30·13	51	NE	2	0	29·92	-·21	51	50	+1	N	3	ogr	*	ogp	*	56	49	0·09
	Cambridge ...	30·11	54	N	1	0	29·87	-·25	53	52	0	N	5	r	*	0	0·0	57	51	0·22
	Yarmouth ...	30·06	53	N	1	bc	29·80	-·32	55	54	+2	NE	7	gru	5	bc	*	55	50	0·08
GERMANY & HOLLAND.	Cuxhaven ...	29·89	54	E	3	c	29·78	-·33	55	55	0	E	5	c	*	c	*	59	52	-
	Berlin	30·04	62	E	5	c	30·01	-·15	56	54	-3	SE	4	c	*	c	*	66	54	-
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich... ..	30·17	47	SW	4	0	30·07	-·03	39	38	-7	S	2	c	*	0	*	50	37	-
	The Helder ..	30·00	55	NNE	4	0	29·94	-·40	55	54	+3	NE	7	0	3	0	*	55	52	-
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	29·63	-·55	51	51	+6	ENE	1	r	*	r	*	56	45	0·71
	Cape Gris Nez...	29·99	53	ENE	1	0	29·62	-·43	56	55	+8	NE	6	r	6	0	*	56	46	0·35
	Paris	30·05	46	SW	1	0	29·67	-·51	45	44	+4	SW	4	r	*	0	*	50	41	1·22
	Brest	30·02	49	E	1	bc	30·07	+·07	53	52	+2	NNW	3	f	3	bc	*	54	39	0·04
	Lorient... ...	30·04	48	SE	4	bc	30·01	+·04	51	50	+4	WNW	5	r	3	bc	*	51	46	-
	Rochefort ...	30·03	51	SE	3	c	30·05	+·09	46	45	-2	? ENE	2	c	*	c	*	59	45	0·12
	Belfort	29·95	39	WSW	4	r	29·94	-·19	40	39	-1	SE	5	r	*	r	*	46	34	0·83
	Lyons	30·07	42	NNW	1	0	30·08	-·06	40	39	+6	S	2	0	*	0	*	45	34	-
	Nice	29·86	49	SW	5	b	30·06	+·09	47	38	-4	W	0	b	2	b	*	59	43	-
	Perpignan ...	30·08	48	NW	2	b	30·13	-·02	40	39	+3	W	2	b	*	b	*	63	37	-
	Biarritz ...	30·02	54	W	1	r	30·05	-·01	54	51	+6	SW	5	r	3	r	*	57	48	0·12
PENINSULA.	Corunna ...																*			
	Lisbon	30·11	55	WNW	3	0	30·10	-·05	55	50	+4	W	1	0	*	0	*	59	51	-
	Azores (P. Delgada)	29·92	66	SW	5	c	29·88	+·01	64	60	-2	SSE	5	c	4	c	*	70	61	0·24

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

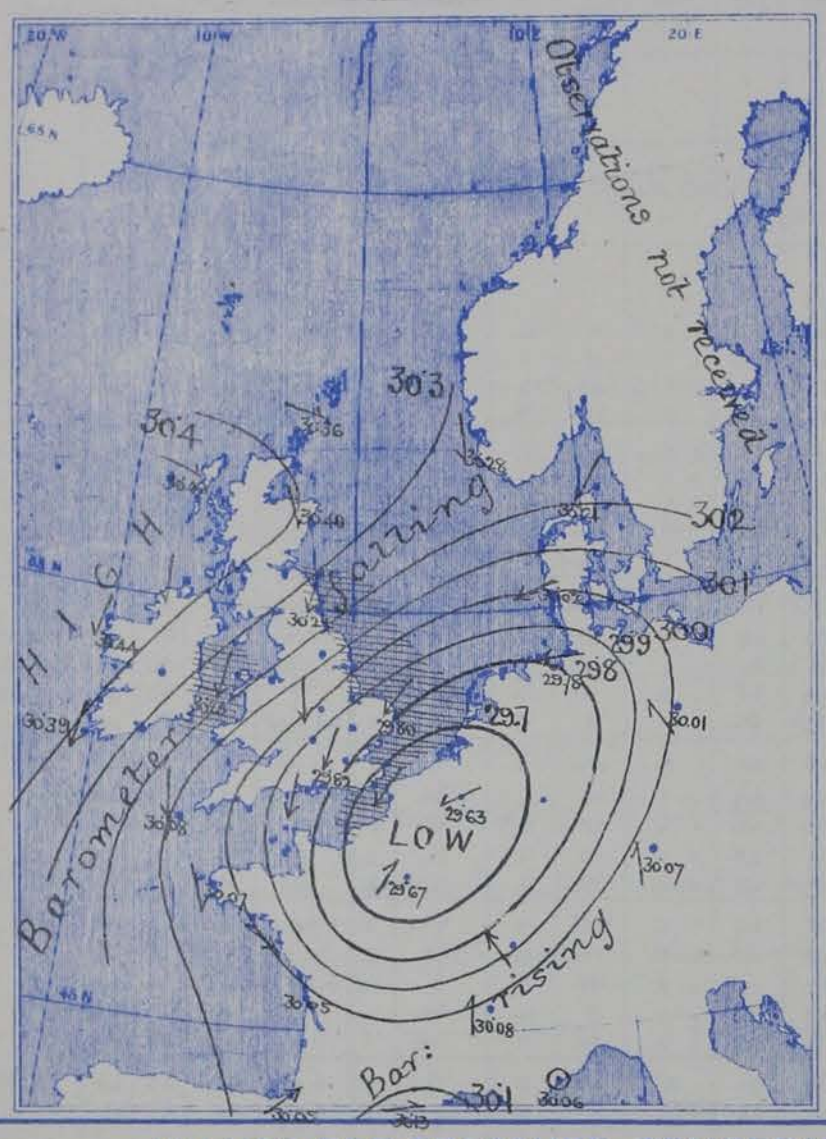
Bright Sunshine yesterday Southport 0·2 hrs; Eastbourne 2·3 hrs: Hastings 1·8 hrs, Brighton 2·8 hrs.

WEATHER CHARTS

FOR *Friday, 16th October,* 1896.

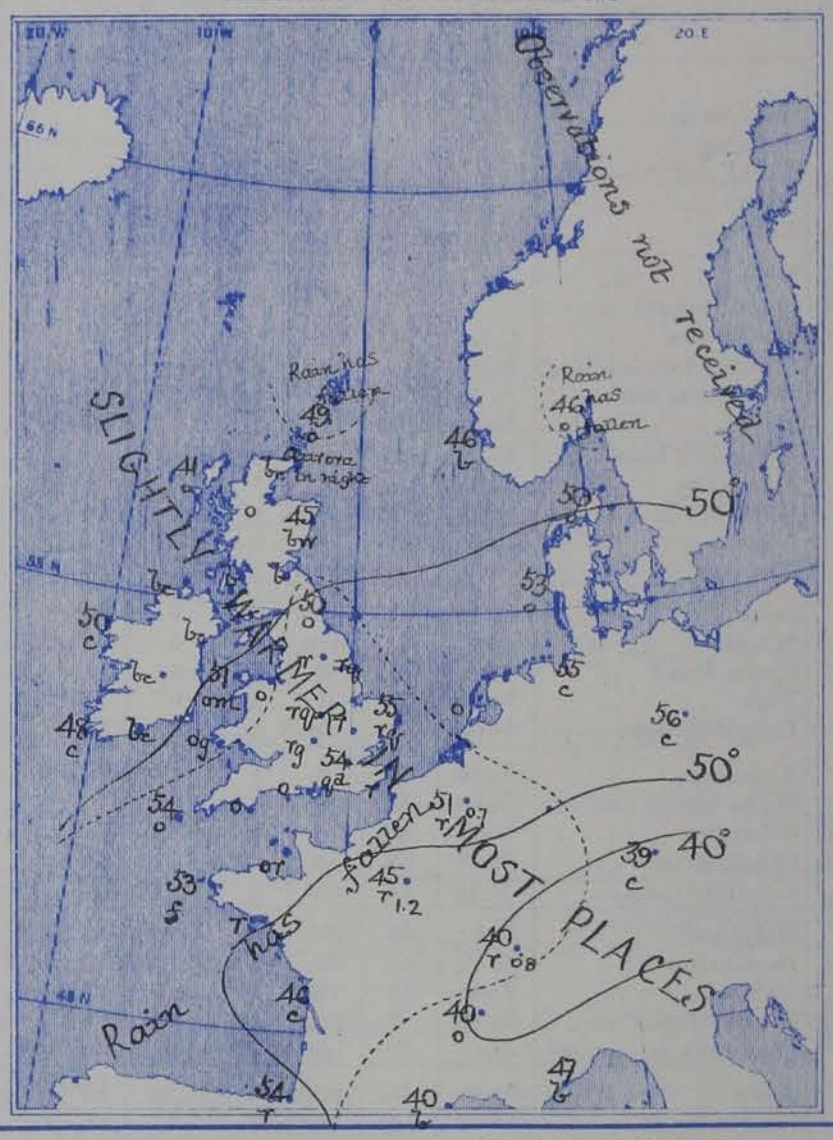
BAROMETER, WIND AND SEA.

BAROMETER – *Isobars are drawn for each tenth of an inch.*
WIND – *Arrows shew Directions and Force, flying with the wind.*
Force above 10 : *Force 5 to 7* : *Force 8 to 10* : *Force 1 to 4* : *Calm* ⊙
SEA – *Rough* : *High*



TEMPERATURE & WEATHER.

TEMPERATURE – *Isotherms are drawn for each 10°.*
WEATHER – *Shown by Letters of the Beaufort Scale.*
RAINFALL – *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus*—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF OCTOBER.*

STATIONS.	PRESSURE AT 8 A.M. Means 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means. 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 ins. and upwards over Scotland and the west of Ireland.
Lowest, 29·7 ins. and less, in a well marked depression lying over the Netherlands and the northeast of France.
Gradients rather steep over England, the North Sea, Germany, and Central France, moderate or slight elsewhere.
Barometer falling at all but the southern French stations, — most in the Netherlands.

TEMPERATURE

Highest, 57° at the North Foreland, 56° at Cape Gris Nez and Berlin, and 55° at Cirbaton, Yarmouth and Dungeness.
Lowest, (1) 39° at Munich, and 40° at Belfort, Lyons, and Perpignan (2) 40° at Nairn, 41° at Stornoway, and 42° at Wick.
During yesterday the thermometer rose to 55° and upwards at most of our southern stations, as well as in the Shetlands and Hebrides. Frost occurred in the north of Scotland last night.

WIND

N. or NE. over Ireland, England, the Netherlands, and the North Sea, and very strong in force on our east and southeast coasts.
Light to moderate from the W. or SW. over the southern parts of France, and from S. or SE. in Germany.
Light from the NW. in the north of Scotland.

WEATHER

Dull and rainy over the eastern and central parts of England, as well as in Belgium and at many of the French stations.
Fair in many parts of Ireland and Scotland and also in the south of France, cloudy in Denmark and Germany.
Since yesterday rain has fallen over England and the neighbouring parts of the Continent generally; the largest amounts being 1·2 ins. at Brest, 0·8 in. at Belfast, and 0·7 in. at Brussels. A lunar halo was seen last night at Jersey.

SEA

Rough or rather so on our east and southeast coasts and also at Holyhead, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed over the Bay of Biscay yesterday has disappeared from our area, but in the course of the night a new and much deeper disturbance has been formed over the Netherlands. This will probably move slowly southwards, but for the present the weather over England is likely to remain rough, squally, and wet.

FORECASTS

For the 24 hours ending at NOON on 17th Oct. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	NW. to N. winds, light or moderate; fair generally.
↑ 2 ENGLAND N.E. ↑ 3 ENGLAND EAST	NE. gales, moderating later; squally, rain at times.
4 MIDLAND COUNTIES ↑ 5 ENGLAND SOUTH	N. to NE. strong winds and gales, moderating later; squally, rain at times.
6 SCOTLAND WEST	Same as Nos. 0 and 1.
↑ 7 ENGLAND N.W.	NE. winds, strong, a gale in places; fair at first, some rain later.
8 ENGLAND S.W.	N. and NE. winds, strong; dull, some rain.
↑ 9 IRELAND NORTH	Same as No. 7.
10 IRELAND SOUTH	N. winds, freshening; fair at first, showery later.
WARNINGS	At 9·40 am today to districts 2, 3, 7, and parts of 5 and 9. "Hoist North Cone"

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·44	50	48	NNE	1	o	1
Sumburgh Head	30·45	51	49	NNW	1	c	3
Stornoway	30·47	52	50	N	1	o	1
Aberdeen	30·42	50	47	NE	4	ogq	4
Shields	30·26	51	50	NNE	5	o	5
Ardrossan	30·37	52	51	N	3	c	1
Malin Head ...	30·42	51	50	N	3	cm	1
Belmullet	30·44	53	50	NE	2	o	*
Holyhead	30·24	52	50	NNE	5	cpm	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·33	54	49	N	5	bcq	5
Scilly	30·12	55	52	NNE	5	o	3
Jersey	30·11	51	48	ESE	3	bc	3
Hurst Castle ...	30·11	55	52	SSW	1	c	0
Dungeness ...	30·08	54	50	SW	2	o	2
North Foreland	30·12	54	51	WNW	2	o	2
London (Westminster)	30·11	56	53	W	0	ogm	*
Yarmouth ...	30·11	55	54	NNE	2	bc	4
Rochefort ...	30·03	55	50	VE	3	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather is morning fine over Ireland, the northern parts of Scotland and Scandinavia, and the greater part of Russia. Cloudy or overcast elsewhere, with slight rain at many of the English stations. Rain falling also at Cuxhaven, Trieste, and Lisbon. Subsequently becoming cloudy or dull in Ireland and the north of Scotland; heavy rain occurring at some of the French stations and also at Brussels.

Temperature rises over western and northern Europe as a whole, but changed irregularly elsewhere. Morning readings highest 75° at Malta, 73° at Brindisi, 72° at Lesina, and 69° at Sfax, above 60° over the Adriatic and the central parts of the Mediterranean generally, and very little below it in North Germany. Lowest (1) 28° at Moscow, 31° at St Petersburg, and 33° at Kucopio and Riga; (2) 33° at Madrid, 34° at Lyons, and 37° at Perpignan; (3) 37° at Barcombsion. Rising during day to 55° and upwards over the southern parts of the United Kingdom generally, and also in many parts of France and Germany: reaching 63° at Perpignan and 66° at Berlin.

Wind moderate to strong from the E^ly or SE^ly over the Baltic, North Germany, Denmark, and the south of Scandinavia, and from the N^ly or NE^ly over the greater part of England and Ireland. Light from S. or SE. over the southeast of England, the Netherlands, and the northern and central parts of France. N^ly over the Spanish Peninsula and NW^ly in the south of France; W^ly or SW^ly over the greater part of Italy, SE^ly over the northern parts of the Adriatic. W^ly or NW^ly in the north of Scotland, S^ly or SW^ly in Finland and the north of Scandinavia. Subsequently shifting to the NW^ly in the east of England; no important change occurring elsewhere.

Barometer highest 31·08 in. at St Petersburg; 31·0 in. and upwards over the northwestern parts of our Islands generally; 30·5 in. and upwards in an anticyclone embracing the whole of northern and eastern Europe. Lowest 29·8 in. and less, in a depression over Northern Italy; 30·0 in. and less, in another disturbance over the Bay of Biscay. Latter system filling up later, but new and rather deep depression forming over the Netherlands at night.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 17th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea† (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.67	37	SW	4	b	29.68	-.30	32	32	-10	NE	2	b	*	b	*	45	36	-
	Hernösand ...	30.06	44	S	2	c	30.04	-.14	35	32	-7	2	0	b	*	c	*	54	35	-
	Stockholm ...	30.10	49	2	0	0	30.00	-.28	43	41	-7	ENE	4	b	*	0	*	50	43	0.04
	Wisby	30.08	50	S	4	0	29.90	-.39	49	48	+1	ESE	4	0	*	0	*	52	43	-
	Karlstad ...	30.13	46	NW	1	b	30.00	-.25	39	39	-7	NE	2	b	*	b	*	*	*	-
	Bodö	29.58	41	W	6	r	29.96	+.08	39	37	-6	NW	2	c	1	r	*	45	37	0.28
	Christiansund ...	30.21	46	NNW	4	c	29.88	-.36	42	41	-7	SE	3	b	3	c	*	49	39	-
	Skudesnaes ...	30.12	48	N	6	c	29.92	-.36	49	48	+3	SSE	2	c	3	b,c	*	54	41	*
	Færder (Christiania Fjord)	30.14	48	NNE	3	b	29.97	-.29	44	42	-2	NE	3	b	2	b	*	?	43	-
	Skagen (The Scaw)	29.90	50	ENE	2	m	29.86	-.35	48	47	-2	E	3	0	0	m	*	54	46	-
	Fanö	29.99	52	E	1	0	29.79	-.23	51	49	-2	NSW	4	c	*	0	*	55	51	0.16
GERMANY & HOLLAND.	Sumburgh Head	30.28	47	2	0	0	29.75	-.61	48	47	-1	W	1	0d	3	c,0	*	50	44	0.04
	Stornoway ...	30.35	59	NNW	2	0	29.80	-.66	48	48	+7	NSW	3	r	3	0	0.7	51	39	0.04
	Wick	30.30	46	NW	3	c	29.78	-.61	47	46	+5	W	3	0	2	c	*	52	40	0.03
	Nairn	30.32	50	ENE	1	0	29.85	-.59	46	44	+6	NSW	1	0	1	0	*	52	36	-
	Aberdeen ...	30.29	48	N	3	ogpd	29.88	-.52	44	42	-1	SW	1	cm	3	c.gpd	3.0	51	40	0.02
	Leith	30.28	47	E	2	c	29.92	-.46	42	42	-5	NNW	2	m	*	c	*	54	37	-
	Shields	30.18	50	N	4	d	29.89	-.35	47	45	-3	E	0	om	4	b,c,d	*	52	46	0.01
	Spurn Head ...	29.95	49	NNE	7	rq	29.82	-.15	48	48	-3	N	S	qd	S	rq	*	51	47	0.80
	York	30.11	50	NNE	4	0	29.88	-.24	47	46	-2	NNW	1	0	*	0	0.0	52	45	0.03
	Loughborough ...	30.02	47	N	5	r	29.91	-.11	46	46	-4	NNW	2	odm	*	oqr.od	*	50	46	0.60
BRITISH ISLANDS.	Ardrossan ...	30.26	50	NE	1	bm	29.92	-.45	48	48	+2	NW	2	0	2	b,bm	*	55	37	-
	Malin Head ...	30.31	50	N	5	0	29.94	-.45	49	48	0	NNW	5	og	4	c,0	*	51	48	0.01
	Belmullet ...	30.37	50	NNE	4	c	30.07	-.37	52	48	+2	SW	4	0	*	o,bc,c	*	52	47	-
	Donaghadee ...	30.26	52	NE	6	b	29.99	-.36	50	49	-1	NW	4	c	2	b	*	54	48	-
	Liverpool (Bidston)	30.14	53	N	3	bc	29.97	-.20	48	44	-3	N	1	bc	1	bc	*	54	44	-
	Holyhead ...	30.17	52	NE	6	bc	29.99	-.24	50	47	-1	NNE	2	0	1	c.cm.bc	*	53	47	-
	Parsonstown ...	30.27	48	N	1	b	30.08	-.28	47	46	+4	NW	1	0	*	b	8.3	55	40	-
	Valencia ...	30.30	50	NNE	3	bm	30.14	-.25	51	48	+3	N	5	og	4	bcq,bm	7.6	54	45	-
	Roche's Point ..	30.23	50	N	5	b	30.11	-.19	49	47	+1	N	4	0	3	b	*	55	44	-
	Pembroke (St. Ann's Hd.)	30.07	53	NE	5	0	29.98	-.13	52	49	-1	NE	5	c	4	0	0.0	53	49	-
	Scilly	30.01	54	N	7	cp	29.97	-.11	54	52	0	N	4	c	3	o.cp	0.0	55	51	0.12
	Prawle Point ...	29.92	50	N	6	0	29.92	-.03	49	47	-3	N	3	c	2	r.0	*	53	46	0.18
	Jersey (St. Aubin's)	29.83	56	NNW	6	omr	29.85	-.02	54	49	0	NW	4	cq	3	orm	*	57	52	0.39
	Hurst Castle ...	29.84	53	NNE	5	0	29.84	-.02	51	49	-2	NW	4	c	2	0	*	55	48	0.01
	Dungeness ...	29.67	52	NNE	6	oq	29.69	+.03	53	50	-2	NNE	4	c	3	r.oq	*	57	49	0.46
	North Foreland	29.76	51	NE	6	oq	29.74	+.05	54	49	-3	NNE	5	c	4	r.oq	*	58	49	0.16
	London (Brixton) ...	29.82	53	NE	6	0	29.82	+.01	48	45	-6	NE	2	b	*	or,0	0.0	55	46	0.06
	Oxford	29.95	49	NNE	5	r	29.86	-.06	48	46	-3	N	3	0	*	or	*	52	47	0.09
	Cambridge .	29.89	51	N	6	d	29.84	-.03	48	47	-5	N	1	b	*	qr.d	0.0	54	42	0.28
	Yarmouth ...	29.84	52	ENE	6	cq	29.78	-.02	52	50	-3	NE	4	bc	4	rq,dq	*	55	49	0.01
	Cuxhaven ...	29.97	50	SW	1	bc	29.82	+.04	46	46	-9	S	2	c	*	bc	*	59	45	-
	Berlin	29.99	58	NW	2	r	29.90	-.11	46	43	-10	SW	2	b	*	r	*	64	43	0.16
	Wiesbaden ...	*	*	*	*	*	29.79		47	46		E	3	0	*	*	*	61	46	0.12
	Munich... ..	30.05	40	E	3	b	29.86	-.21	43	40	+4	SSE	4	c	*	b	*	50	34	-
	The Helder ...	29.91	49	E	3	b	29.78	+.04	49	46	-6	E	1	c	1	bc	*	55	48	-
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	29.66	+.03	45	44	-6	NE	1	0	*	0	*	53	42	0.04
	Cape Gris Nez...	29.64	50	NE	6	0	29.65	+.03	51	48	-5	E	6	0	6	0	*	57	45	0.04
	Paris	29.58	47	NNW	3	0	29.62	-.05	44	44	-1	NNW	3	r	*	or	*	49	43	0.67
	Brest	29.94	53	N	4	0	29.89	-.18	50	50	-3	N	1	f	1	0	*	54	46	0.04
	Lorient... ...	?	54	NW	5	r	?	?	48	48	-3	?	4	r	4	r	*	54	46	0.28
	Rochefort ...	29.91	55	W	6	r	29.87	-.18	55	55	+9	N	4	0	*	r	*	57	46	0.55
	Belfort	29.84	49	SSW	6	0	29.75	-.19	47	43	+7	SSW	6	0	*	0	*	50	40	0.24
	Lyons	29.96	52	SSE	4	b	29.86	-.22	46	44	+6	S	6	m	*	b	*	56	40	0.28
	Nice	30.16	50	2	0	r	30.07	+.01	47	45	0	E	2	bc	2	r	*	61	46	0.24
	Perpignan ...	30.08	49	SW	1	b	30.01	-.12	42	39	+2	SW	2	b	*	b	*	63	39	-
	Biarritz ...	30.06	59	W	4	b	29.95	-.10	54	48	0	SW	4	c	3	b	*	59	52	0.04
PENINSULA.	Corunna ...																*			
	Lisbon	30.07	56	NNE	4	b	30.07	-.03	56	52	+1	N	2	b	*	b	*	64	50	-
	Azores (P. Delgada)	29.88	65	SSE	2	0	29.83	-.05	62	59	-2	NE	4	b	3	0	*	68	59	0.24

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

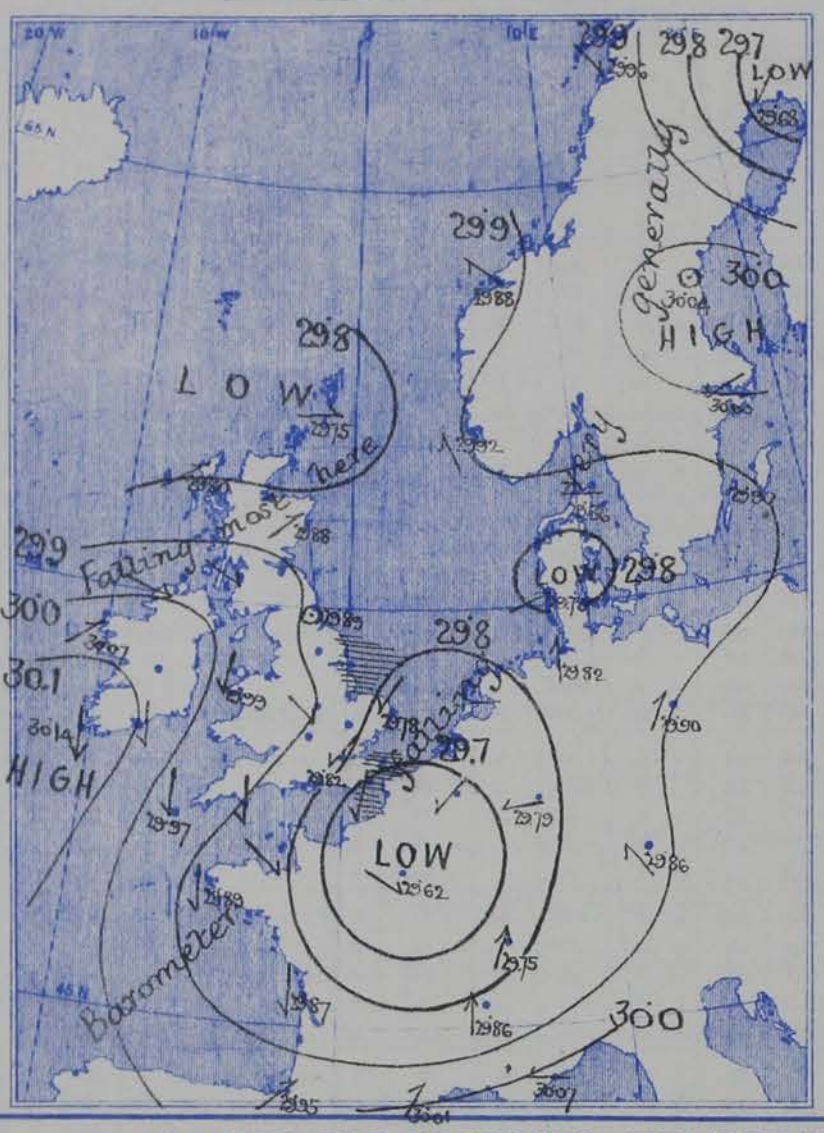
Bright Sunshine yesterday Southport 2.4 hrs; Eastbourne 0.0 hrs; Hastings 0.0, Brighton, 0.0.

WEATHER CHARTS

FOR Saturday, 17th October, 1896.

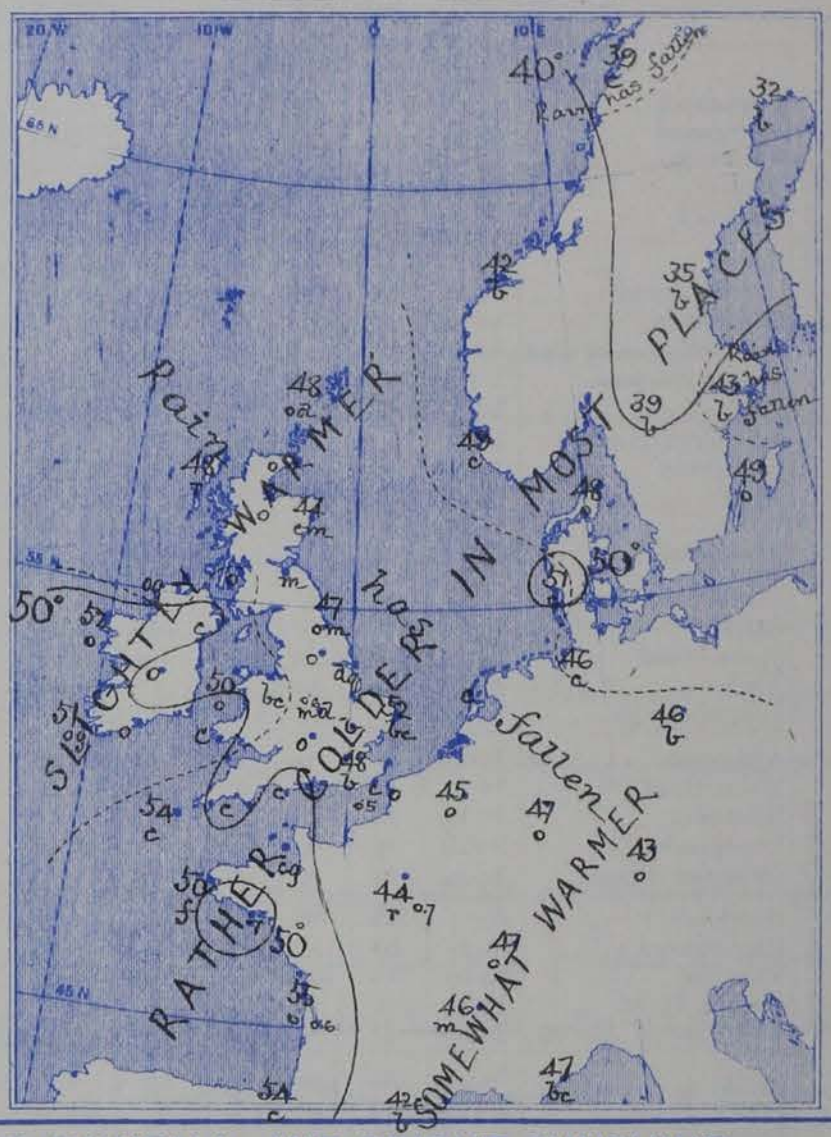
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—*Rough* ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·1 in. and upwards in the south of Ireland; 30·0 in. and upwards over Central Sweden and also over Spain and the extreme south of France. Lowest, 29·7 in. and less, in a depression lying over the northeast of France and also in another disturbance over Lapland; 29·8 in. and less, in two other systems — one lying off the north of Scotland and the other over Denmark. Gradients slight generally. Barometer falling in most places, — quickly in the north of our Islands.

TEMPERATURE — Highest, 55° at Rochefort, 54° at Scilly, Jersey, the North Foreland and Biarritz, and 53° at Dumfries. Lowest, 32° at Haparanda, 35° at Hernösand, 39° at Bodö and Faeroe, and 42° at Christiansund and Leith. The maxima registered yesterday were below 55° in many parts of the United Kingdom, but slightly above it at some of the Channel stations.

WIND — Moderate from the N. over England, the south of Ireland and the north of France, but from the W. or SW. in most other part of France. Light from the S. in Germany and from the E. in the Netherlands. Light from the W. in Scotland, but E. over the greater part of Scandinavia.

WEATHER — Fair or fine at many of the English stations, as well as in Scandinavia, Germany, and the south of France. Dull throughout, with rain at Stornoway, and also at Paris and Lorient. Rain fell yesterday in most parts of Great Britain and the neighbouring portions of the Continent, the largest amounts being 0·8 inch at Spurn Hd., 0·7 in. at Paris, and 0·6 in. at Loughborough and Rochefort.

SEA — Moderate or slight generally, but rough at Cape Gris Nez and rather rough at Spurn Hd.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is extremely complex. The depression of yesterday appears to be gradually filling up, but a new disturbance is approaching our northern coasts, so that the weather is likely to remain in a very unsettled state generally.

FORECASTS

For the 24 hours ending at NOON on 18th Oct. 1896.

	DISTRICTS.	FORECASTS.
0	SCOTLAND NORTH	W. winds, increasing in force; dull, some rain.
1	SCOTLAND EAST	
⚠ 2	ENGLAND N.E.	NW. to W. winds, freshening; fair at first, some rain later.
⚠ 3	ENGLAND EAST	N. to NW. or W. winds; changeable, slight rain in places.
4	MIDLAND COUNTIES	
⚠ 5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No. 0 and 1.
⚠ 7	ENGLAND N.W.	Same as No. 2.
8	ENGLAND S.W.	N. to NW. or W. winds; cloudy, some showers.
⚠ 9	IRELAND NORTH	Same as No. 0 and 1
10	IRELAND SOUTH	Same as No. 8
	WARNINGS	The signals are still flying in districts 2, 3, and parts of 5, 7, and 9.

Note.—The **South Cone**, *point downwards* (⚠), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (⚠), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·21	54	48	N	6	b	2
Sumburgh Head	30·32	49	46	NW	2	c	3
Stornoway	30·40	51	51	N	3	o	3
Aberdeen	30·33	48	47	NNW	4	ogqa	4
Shields	30·22	51	48	N	5	c	6
Ardrossan	30·28	53	52	NW	1	b	1
Malin Head ...	30·35	51	49	N	4	c	3
Belmullet	30·40	52	48	NNE	3	bc	*
Holyhead	30·20	52	48	NNE	6	cm	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·31	54	49	NNE	6	bcq	5
Scilly	30·04	55	53	N	6	c	3
Jersey	29·81	55	54	N	6	r	4
Hurst Castle ...	29·80	55	53	NNE	6	o	4
Dungeness ...	29·64	56	56	NNE	4	r	3
North Foreland	29·72	57	56	NNE	5	r	4
London (Westminster)	29·80	55	54	NNE	5	od	*
Yarmouth ...	29·80	55	54	NNE	6	mdqu	5
Rochefort ...	29·99	54	53	N	6	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull and rainy over the eastern and central parts of England, as well as in Belgium, and at many of the French stations, fine over Ireland and Scotland, and also in Sweden, Russia, and the extreme south of France; dull in the west of Norway with rain at Bodö; cloudy also at most of the Spanish and Italian stations. Rain falling during day over Great Britain and the western parts of the Continent generally, heavily in places.

Temperature risen a little in the western and northern countries, but fallen in Italy, Austria, and the south of Russia. Morning readings highest 67° at Sfax, 64° at Lerina, and 61° at Barcelona and Palermo; above 55° over North Germany and the extreme southeast of England. Lowest (1) 24° at Moscow, 25° at Kharkov, and 28° at Kiev; (2) 39° at Munich, and 40° at Belfast, Lyons, and Perpignan; (3) 40° at Nairn and 41° at Stornoway. Daily maxima below 55° in many parts of our Islands and France, but thermometer exceeding 60° in Germany and the extreme south of France.

Wind fresh to strong from the NE^{ly} over Ireland, England, and the Netherlands, with a moderate gale on our east coasts. SW^{ly} in France, SE^{ly} over Germany, Austria, western Russia, and the greater part of Sweden. Light from the NW^{ly} in Scotland, strong to a gale from the W^{ly} in the west of Norway. Variable over Spain and Italy. Subsequently increasing to a moderate gale at some of the English Channel stations.

Barometer highest 30·8 in: and upwards over the south of Russia; 30·4 in: and upwards, in an anticyclone covering the greater part of Russia, and also in another system over Scotland and the west of Ireland. Lowest 29·7 in: and less in a well marked depression over the Netherlands and northeast of France; 29·9 in: and less, in another disturbance over the north of Scandinavia. Former depression moving slowly southwards during day, and barometer rising a little on our southeast coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 18th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·02	30	2	0	b	29·96	+ ·28	32	32	0	E	2	0	#	b	#	41	28	—
	Hernösand ...	29·90	34	2	0	c	29·71	— ·33	42	42	+ 7	E	4	r	#	c	#	48	30	0·16
	Stockholm ...	29·73	48	2	0	0	29·66	— ·34	46	45	+ 3	SSE	2	c	#	0	#	52	39	0·24
	Wisby	29·71	49	S	4	c	29·63	— ·27	48	48	— 1	SSE	4	0	#	c	#	52	43	0·08
	Karlstad ...	29·66	42	ESE	4	r	29·56	— ·44	46	45	+ 7	2	0	0	#	r	#	#	#	0·12
	Bodö	29·87	39	E	4	0	29·81	— ·15	39	35	0	ENE	4	0	2	0	#	39	34	—
	Christiansund ...	29·65	43	2	0	c	29·49	+ ·41	43	40	+ 1	2	0	c	3	c	#	46	41	—
	Skudesnaes ...	29·53	47	2	0	0	29·26	— ·66	49	46	0	ENE	4	0	3	0	#	53	41	#
	Færder (Christiania Fjord)	29·63	44	NE	4	r	29·44	— ·53	48	49	+ 4	E	4	r	3	r	#	48	44	0·32
	Skagen (The Scaw)	29·49	48	WSW	4	0	29·39	— ·47	48	46	0	SW	3	0	0	0, r	#	50	46	0·71
	Fanö	29·44	49	SSE	4	0	29·26	— ·53	47	46	— 4	S	6	r	#	0	#	52	46	0·20
BRITISH ISLANDS.	Sumburgh Head	29·40	44	W	2	0	29·28	— ·47	47	46	— 1	ENE	2	r	3	b	#	48	43	0·21
	Stornoway ...	29·62	40	N	6	0	29·16	— ·64	40	40	— 8	NNW	4	0	4	0	1·9	51	37	0·61
	Wick	29·44	38	N	3	b	29·24	— ·54	44	44	— 3	E	2	0	1	b	#	48	[illegible]	0·06
	Nairn	29·54	42	WNW	2	c	29·18	— ·67	35	34	— 11	2	0	c	1	c	#	51	[illegible]	0·03
	Aberdeen ...	29·50	44	NW	2	c	29·21	— ·67	35	34	— 9	NW	3	og	3	bc	1·3	50	[illegible]	0·01
	Leith	29·53	44	W	1	0	29·18	— ·74	40	39	— 2	WSW	2	c	#	0	#	52	36	—
	Shields	29·54	48	W	2	0	29·17	— ·72	38	37	— 9	W	1	om	3	0	#	50	[illegible]	—
	Spurn Head ...	29·57	48	WNW	4	og	29·22	— ·60	41	40	— 7	W	3	bc	3	og	#	48	41	0·05
	York	29·58	48	N	1	0	29·21	— ·67	40	38	— 7	W	1	b	#	0	0·6	51	36	—
	Loughborough ...	29·65	47	W	1	0	29·32	— ·59	39	38	— 7	W	4	cq	#	om, cpq	#	49	37	0·03
	Ardrossan ...	29·57	47	NW	4	cp	29·17	— ·75	43	43	— 5	W	3	bcp	2	c	#	50	41	0·03
	Malin Head ...	29·68	45	NNW	7	chq	29·20	— ·74	43	43	— 6	NNW	8	orq	6	c, orq	#	49	[illegible]	0·28
	Belmullet ...	29·94	45	N	7	c	29·62	— ·45	43	38	— 9	? NW	7	0	#	c	#	52	[illegible]	—
	Donaghadee ...	29·66	46	WNW	4	bc	29·32	— ·67	41	40	— 9	NW	7	rq	6	bc, rq	#	53	[illegible]	0·29
	Liverpool (Bidston)	29·64	48	W	4	r	29·29	— ·70	41	39	— 7	WNW	7	r	5	r	#	50	39	0·19
	Holyhead ...	29·70	50	WNW	5	rg	29·37	— ·62	44	41	— 6	NW	8	cq	6	r	#	50	41	0·16
	Parsonstown ...	29·84	45	NW	2	r	29·58	— ·50	37	35	— 10	NW	2	b	#	or, b	0·2	52	36	0·02
	Valencia ...	29·97	49	NW	6	opq	29·73	— ·41	42	39	— 9	NW	6	owpq	6	opq	0·0	[illegible]	[illegible]	0·12
	Roche's Point ..	29·88	48	NNW	5	bm	29·69	— ·42	41	39	— 8	NW	5	bcq	4	bm	#	54	39	—
	Pembroke (St. Ann's Hd.)	29·76	51	NW	4	0	29·51	— ·47	43	42	— 9	WNW	6	0	5	0	?	53	42	0·04
	Scilly	29·85	52	NW	5	c	29·67	— ·30	47	43	— 7	NW	7	cp	4	c	0·7	52	43	0·02
	Prawle Point ..	29·78	49	NW	3	0	29·57	— ·35	41	39	— 8	W	5	bc	4	cp	#	51	38	0·10
	Jersey (St. Aubin's)	29·77	53	WNW	3	ogm	29·58	— ·27	47	43	— 7	WNW	4	bcp	3	c, rgm	#	57	[illegible]	0·17
	Hurst Castle ...	29·72	50	WNW	2	om	29·47	— ·37	44	42	— 7	W	5	b	3	omg	#	54	42	0·01
	Dungeness ...	29·64	51	N	3	0	29·36	— ·33	44	43	— 9	NW	3	c	2	c, 0	#	54	42	0·02
	North Foreland	29·63	51	NW	4	0	29·36	— ·38	44	42	— 10	W	5	0	2	0	#	54	42	0·01
	London (Brixton) ...	29·69	47	NW	2	0	29·43	— ·39	42	39	— 6	W	3	bc	#	bc, or	1·7	53	40	0·06
	Oxford	29·62	47	WSW	4	0	29·40	— ·46	40	38	— 8	WSW	4	b	#	0	#	49	39	0·01
	Cambridge ...	29·64	47	NNW	1	om	29·34	— ·50	41	39	— 7	W	2	b	#	om	2·3	52	39	0·02
	Yarmouth ...	29·59	49	NW	3	r	29·27	— ·51	43	42	— 9	W	3	cg	3	c, r	#	53	41	0·04
GERMANY & HOLLAND.	Cuxhaven ...	29·56	50	2	0	0	29·30	— ·52	46	46	0	SSW	3	0	#	0	#	57	[illegible]	0·04
	Berlin	29·68	51	SE	4	0	29·52	— ·38	48	47	+ 2	SSE	4	r	#	0	#	57	46	—
	Wiesbaden ...	*	*	*	*	*	29·36	— ·23	48	46	+ 1	2	0	0	#	*	#	50	[illegible]	0·28
	Munich	29·75	46	SW	4	b	29·74	— ·12	44	42	+ 1	SW	4	bc	#	b	#	59	42	0·04
	The Helder ...	29·51	50	2	0	0	29·25	— ·53	49	46	0	S	1	r	1	0	#	52	48	0·16
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	29·39	— ·27	47	46	+ 2	SSW	5	r	#	0	#	51	44	0·20
	Cape Gris Nez ...	29·59	52	N	4	0	29·34	— ·31	46	45	— 5	WNW	5	0	5	0	#	55	45	0·08
	Paris	29·69	48	S	1	0	29·54	— ·08	48	47	+ 4	SW	3	r	#	0	#	49	44	0·04
	Brest	29·88	51	N	2	0	29·70	— ·19	47	42	— 3	NW	5	c	?	0	#	51	42	0·04
	Lorient	29·84	51	N	6	c	29·78	?	48	45	0	NW	5	bc	3	c	#	54	43	—
	Rochefort ...	29·90	56	NW	4	c	29·78	— ·09	54	53	— 1	WNW	6	0	#	c	#	61	52	0·12
	Belfort	29·72	44	SSW	6	r	29·68	— ·07	44	43	— 3	SSW	4	r	#	r	#	51	42	0·20
	Lyons	29·85	48	SW	1	0	29·79	— ·07	41	40	— 5	SSW	1	bc	#	0	#	52	39	0·08
	Nice	29·91	50	E	1	r	29·70	— ·37	47	45	0	E	2	b	1	r	#	61	45	0·51
	Perpignan ...	29·87	51	SW	1	c	29·86	— ·15	47	46	+ 5	2	0	b	#	c	#	62	42	—
	Biarritz ...	29·91	57	WSW	5	r	29·84	— ·11	58	56	+ 4	WNW	4	0	2	r	#	57	52	0·39
PENINSULA.	Corunna ...	30·07	59	NE	1	0	29·97	— ·09	56	53	+ 3	SE	1	0	2	0	#	59	52	0·28
	Lisbon	30·03	58	NNE	2	b	29·94	— ·13	49	46	— 7	NE	4	c	#	b	#	66	49	—
	Azores (P. Delgada)	29·83	64	ENE	5	c	29·86	+ ·03	63	61	+ 1	NE	5	r	6	c	#	70	61	0·63

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 2·7 hrs; Eastbourne 0·2 hrs; Hastings Not reported, Brighton 3·0 hrs.

WEATHER CHARTS

FOR SUNDAY, 18th OCTOBER, 1896.

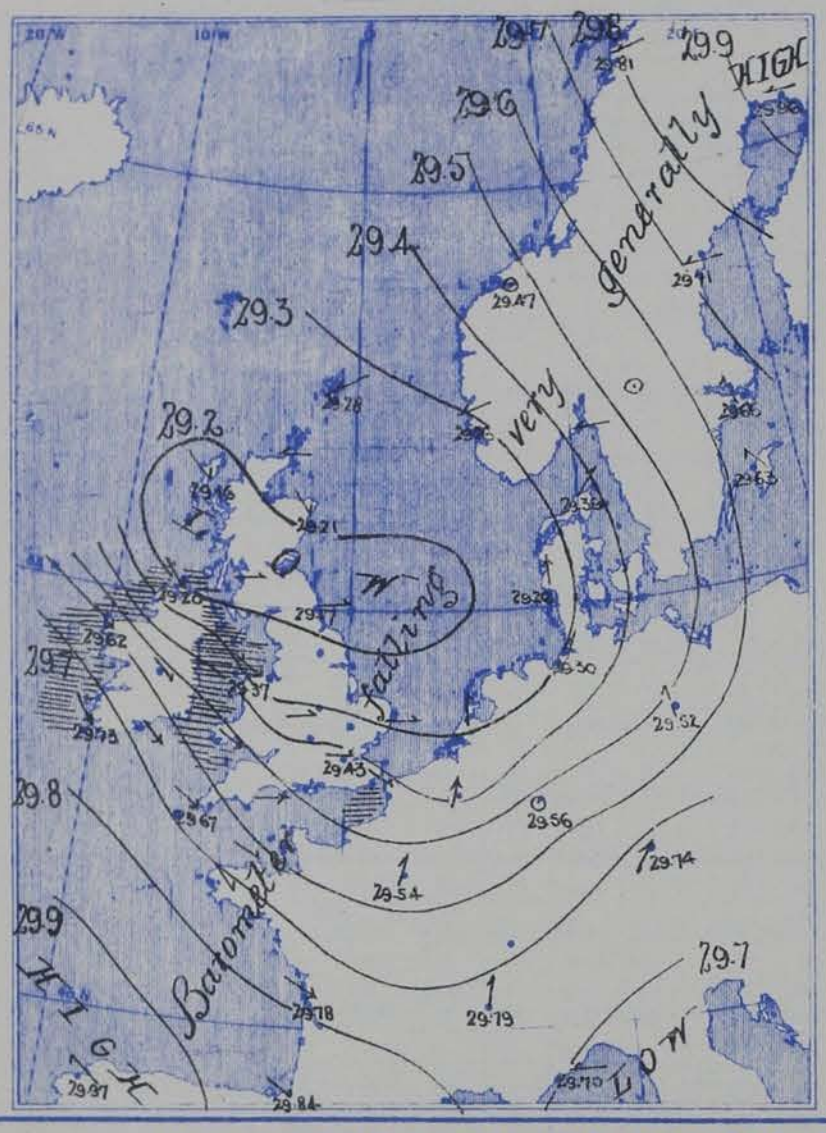
BAROMETER, WIND AND SEA.

BAROMETER Isobars are drawn for each tenth of an inch.

WIND Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙

SEA — *Rough* ; *High*

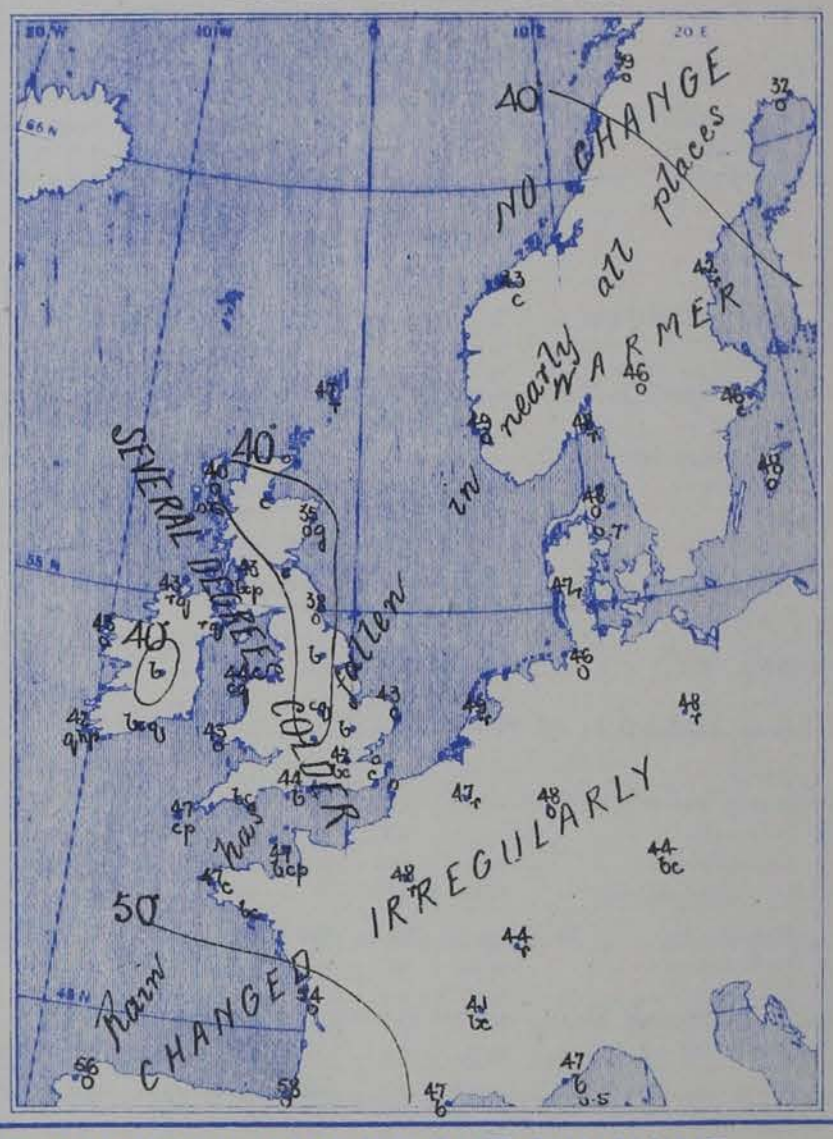


TEMPERATURE & WEATHER.

TEMPERATURE — Isotherms are drawn for each 10°.

WEATHER Shown by Letters of the Beaufort Scale.

RAINFALL — A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means. 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum	Daily Minimum	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means. 1866—95.	BRIGHT SUNSHINE. Means. 1881—95. Hours	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	*1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 29·9 in: and upwards over Lapland and also over the Spanish Peninsula.
Lowest, 29·2 in: and less, in a complex depression lying over Scotland, the northeast of England, and the central parts of the North Sea.
Gradients steep over the north of Ireland, but moderate or slight elsewhere.
Barometer falling generally.

TEMPERATURE

Highest, (1) 59° at Biarritz, 56° at Coruña, 54° at Rochefort, and 49° at Lisbon; (2) 49° at Skudesnaes, and 48° at Sandes, Skagen and Thisby
Lowest, (1) 32° at Haparanda, 39° at Boris, and 42° at Hernösand; (2) 35° at Nairn and Aberdeen, and 37° at Parsontown.
Frost occurred last night in the north of Scotland, the sheltered thermometer falling to 31° at Nairn and 32° at Aberdeen.

WIND

Strong to a gale from the NW. on our western coasts, fresh from the same quarter in the west of France.
Light from the W. over the eastern parts of England, moderate from SW. or S. over Denmark, Germany, the Netherlands and Central France.
Light or moderate from the E. in Scandinavia and also in the northeast of Scotland.

WEATHER

Fine over the greater part of England and also in the south of France
Cloudy or overcast in nearly all other parts of our area, with rain or passing showers in many places.
Rain fell yesterday in most parts of Western Europe, the largest amount being 0·7 in: at Skagen, 0·6 in: at Stornoway, and 0·5 in: at Wick.

SEA

Rough on our western coasts, and rather rough at Cape Gris Nez, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 19th Oct. 1896.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
▼ 0	SCOTLAND NORTH	NONE ISSUED	▼ 6	SCOTLAND WEST	NONE ISSUED.
1	SCOTLAND EAST		▼ 7	ENGLAND N.W.	
2	ENGLAND N.E.		▼ 8	ENGLAND S.W.	
3	ENGLAND EAST		▼ 9	IRELAND NORTH	
4	MIDLAND COUNTIES		▼ 10	IRELAND SOUTH	
5	ENGLAND SOUTH			WARNINGS	At 7.15 pm yesterday to districts 0 and 6 to 10. Hoist North Cone

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.72	53	48	S	2	b	2
Sumburgh Head	29.50	46	45	W	2	r	3
Stornoway	29.67	44	43	N	4	o	4
Aberdeen	29.61	48	45	SW	1	c	3
Shields	29.68	50	47	W	2	o	4
Ardrossan	29.68	50	49	NW	4	cp	3
Malin Head ...	29.72	47	46	NW	5	c	4
Belmullet	29.96	49	45	NNW	5	o	*
Holyhead	29.81	50	48	NW	4	o	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30.02	52	50	WNW	4	og	4
Scilly	29.93	52	50	NNW	6	c	3
Jersey	29.82	56	52	NW	5	c	4
Hurst Castle ...	29.77	52	49	WNW	2	omg	2
Dungeness ...	29.67	53	50	NNE	3	c	2
North Foreland	29.67	53	50	N	3	o	3
London (Westminster)	29.71	52	48	N	2	o	*
Yarmouth ..	29.67	53	50	NNW	2	c	3
Rochefort ...	29.90	56	55	N	3	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull and unsettled in the west and north of our Islands, as well as in France, the Netherlands, Denmark, and the western and northern parts of Germany, with rain in a few places. Fine in nearly all other parts of Europe, but foggy at some of the Austrian and South German stations. Rain falling later in nearly all the western and northern countries, but amounts in our Islands mostly slight.

Temperature rises in the west and north of our Islands and also in France, but falls in nearly all other parts of Europe. Highest 70° at Sfax, 69° at Tunis, and 68° at Algiers, above 60° at the Mediterranean stations generally. Lowest 17° at Kholtov, 28° at Riga, 32° at Haparanda, 33° at Hango, and 34° at Moscow. Rising during day to 50° and upwards in many parts of the United Kingdom and reaching 57° at Jersey. Exceeding 55° in Germany, and exceeding 60° in the south of France, touching 66° at Lisbon. Frost occurring in the north of Scotland at night.

Wind light from the W.ly or SW.ly in the north of our Islands, and from the SE.ly in the west of Norway. Moderate to fresh from the N.ly over the southern parts of the United Kingdom, and from the W.ly in the west of France; strong from the S.ly over Central France; light from the E.ly over the Netherlands and Western Germany. S.ly or SE.ly over Eastern Germany and the south of Russia. Light and variable over Italy and the Spanish Peninsula. Subsequently veering to the NW.ly over the northern part of our Islands, and increasing to a moderate gale on our extreme northwest coasts.

Barometer highest 30.6 in. and upwards over the south of Russia. Lowest 29.7 in. and less, in a depression over the northeast of France, and also in another system over Lapland; 29.8 in. and less, in two other disturbances lying respectively over Denmark and off the north of Scotland. Fresh depression filling up later, disturbance to the northward of our Islands spreading southwards, and barometer falling steadily over northwestern Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Monday, 19th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.74	32	ENE	2	c	29.67	-.29	30	25	-2	S	2	c	#	c	#	59	28	-
	Hernösand ...	29.62	41	Z	0	0	29.59	-.12	40	39	-2	? SSW	4	0	#	0	#	45	30	0.12
	Stockholm ...	29.51	48	Z	0	0	29.54	-.12	46	45	0	SSE	2	c	#	0	#	52	43	0.12
	Wisby	29.52	52	SE	4	b	29.58	-.05	47	46	-1	S	4	b	#	b	#	57	43	0.04
	Karlstad ...	29.47	48	SE	2	0	29.47	-.09	47	46	+1	SSE	2	0	#	r.0.r	#	#	#	0.28
	Bodö	29.73	38	NE	2	0	29.73	-.08	36	32	-3	NE	2	c	1	0	#	39	34	-
	Christiansund ...	29.43	46	ESE	3	b	29.47	.00	45	42	+2	E	8	0	4	b	#	50	43	-
	Skudesnaes ...	29.28	50	ESE	4	c	29.26	.00	48	46	-1	SE	2	r	3	bc.c	#	54	41	#
	Færder (Christiania Fjord)	29.39	49	E	3	0	29.40	-.04	49	47	+1	S	3	0	3	0	#	50	48	0.12
	Skagen (The Scaw)	29.34	49	S	4	0	29.41	+.02	46	44	-2	SW	3	b	0	0	#	52	45	0.16
	Fanö	29.28	47	SW	6	c	29.37	+.11	46	43	-1	SW	5	c	#	c	#	50	45	0.32
	Sumburgh Head	29.28	47	NE	4	r	29.31	+.03	46	46	-1	NE	5	r	6	r	#	49	45	0.61
	Stornoway ...	29.44	46	ENE	8	0q	29.49	+.33	43	43	+3	ENE	8	r	8	bc.rq	2.1	52	39	0.46
	Wick	29.24	46	N	4	r	29.31	+.07	47	46	+3	NE	6	bu	5	r	#	49	43	0.70
	Nairn	29.25	47	NNE	5	r	29.29	+.11	46	46	+11	NNE	4	r	4	r	#	48	33	0.47
	Aberdeen ...	29.12	48	NNE	8	0qgr	29.23	+.02	47	46	+12	N	2	c	4	0.rhp	0.0	48	35	1.09
BRITISH ISLANDS.	Leith	29.14	42	WNW	2	0	29.22	+.04	44	43	+4	ENE	1	r	#	0r	#	48	39	0.68
	Shields	29.10	39	NSW	3	r	29.14	+.03	44	41	+6	E	3	0	3	r	#	44	36	0.27
	Spurn Head ...	29.17	43	NSW	4	0	29.17	-.05	40	38	-1	S	4	c	3	c.ot	#	45	36	0.02
	York	29.16	43	SW	2	0	29.14	-.07	37	36	-3	SE	1	0	#	c.0	2.5	50	35	0.25
	Loughborough ...	29.27	40	SW	2	b	29.17	-.15	36	36	-3	SSE	1	cp	#	cp.b.0p	#	47	36	0.04
	Ardrossan ...	29.20	45	NNW	3	0	29.25	+.08	47	47	+4	NNW	3	0p	2	0	#	49	42	0.18
	Malin Head ...	29.31	48	NNE	5	0q	29.30	+.10	46	46	+3	N	10	0q	7	c.0q	#	48	?42	0.20
	Belmullet ...	29.36	47	NNE	8	c.qp	29.47	-.15	47	43	+4	NNE	9	0qp	#	0qp	#	49	35	0.43
	Donaghadee ...	29.23	47	NNE	5	0	29.19	-.13	50	48	+9	NNE	6	0	4	c	#	50	39	0.16
	Liverpool (Bidston)	29.22	39	NSW	2	b	29.13	-.14	40	39	-1	Z	0	m	0	r.b	#	45	38	0.39
	Holyhead ...	29.20	43	W	3	ma	29.14	-.23	45	44	+1	Z	0	af	0	am	#	46	40	0.15
	Parsonstown ...	29.24	41	N	1	r	29.31	-.27	44	43	+7	NW	2	or	#	c.or	2.8	46	36	0.17
	Valencia ...	29.32	47	NNW	3	0qp	29.44	-.29	47	44	+5	N	7	0qp	6	c.0qph	1.8	50	38	0.34
	Roche's Point ..	29.25	41	WNW	5	crsp	29.29	-.40	45	43	+4	NNW	6	c	4	rsp.cq	#	45	39	0.10
	Pembroke (St. Ann's Hd.)	29.26	45	WNW	5	0	29.10	-.41	47	46	+4	NE	2	c	3	c.0	4.5	47	38	0.42
	Scilly	29.40	44	WNW	5	c	29.20	-.47	49	47	+2	NW	6	r	4	c	5.8	49	42	0.28
	Prawle Point ...	29.38	42	NW	5	c	29.09	-.48	45	43	+4	NSW	4	c	3	cqp.hlp	#	49	36	0.13
	Jersey (St. Aubin's)	29.45	47	W	4	cqhr	29.28	-.30	47	43	0	SSW	3	bc	3	qp.rh	#	50	41	0.25
	Hurst Castle ...	29.37	44	W	4	b	29.20	-.27	44	43	0	SW	4	p	3	p.b	#	49	40	0.12
	Dungeness ...	29.35	46	NSW	4	bc	29.24	-.12	43	42	-1	SE	3	r	2	bc	#	53	37	0.26
	North Foreland	29.35	48	W	2	bc	29.25	-.11	42	40	-2	SSE	2	c	2	bc	#	49	36	0.07
	London (Brixton) ...	29.33	42	SW	2	b	29.23	-.20	41	38	-1	S	2	c	#	bc.p.b	6.m	49	35	-
	Oxford	29.34	37	NSW	3	b	29.18	-.22	38	37	-2	S	3	0	#	b.r	#	48	32	0.02
	Cambridge ...	29.30	41	SW	1	b	29.22	-.12	37	36	-4	S	1	om	#	b	5.0	49	30	
	Yarmouth ...	29.27	44	NSW	3	c	29.26	-.01	40	37	-3	SW	2	bcm	3	c.l	#	45	34	0.01
GERMANY & HOLLAND.	Cuxhaven ...	29.31	46	SSW	1	0	29.40	+.10	37	37	-9	S	3	0	#	p.0	#	50	37	0.04
	Berlin	29.56	49	SW	4	bc	29.61	+.09	45	43	-3	SSE	3	bc	#	bc	#	52	41	0.04
	Wiesbaden ...	#	#	#	#	#	29.50	-.06	47	46	-1	Z	0	r	#	#	#	48	45	0.12
	Munich... ..	29.75	42	SW	2	b	29.58	-.16	41	39	-3	SE	4	b	#	b	#	54	36	-
	The Helder ...	29.30	48	NSW	4	bc	29.34	+.09	41	40	-8	S	1	bc	1	bc	#	49	41	0.43
BELGIUM.	Brussels ...	#	#	#	#	#	29.38	-.01	39	38	-8	SSE	3	c	#	c	#	50	35	0.04
	Cape Gris Nez...	29.35	48	W	5	r	29.26	-.08	42	40	-4	W	5	0	5	r	#	50	39	0.75
	Paris	29.52	45	SSW	2	b	29.38	-.16	37	37	-11	SSE	2	m	#	b	#	54	37	0.08
	Brest	29.50	46	NSW	3	c	29.25	-.45	48	45	+1	SW	2	c	3	c	#	52	41	-
	Lorient... ...	29.48	48	NNW	4	0	29.38	-.40	47	?	-1	SW	2	?	2	0	#	52	45	0.08
FRANCE &	Rochefort ...	29.67	54	NW	4	0	29.44	-.34	52	50	-2	NNW	4	0	#	0	#	57	48	0.24
	Belfort	29.55	45	NSW	4	r	29.44	-.24	44	44	0	Z	0	r	#	r	#	53	42	0.24
	Lyons	29.72	50	S	1	0	29.41	-.38	55	52	+14	S	1	0	#	0	#	57	41	0.04
	Nice	29.72	53	Z	0	b	29.69	-.01	49	49	+2	E	1	r	2	b	#	61	37	0.20
	Perpignan ...	29.71	52	Z	0	b	29.41	-.45	58	53	+11	SW	1	0	#	b	#	70	46	-
	Biarritz ...	29.67	55	SW	2	0	29.43	-.41	52	51	-6	W	5	r	3	0	#	59	52	0.68
PENINSULA.	Corunna ...																#			
	Lisbon	29.71	59	N	4	c	29.66	-.28	55	51	+6	NNE	3	b	#	c	#	64	49	-
	Azores (P. Delgada)	30.02	63	ENE	5	0	30.11	+.25	61	56	-2	?	4	c	3	0	#	70	57	0.08

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

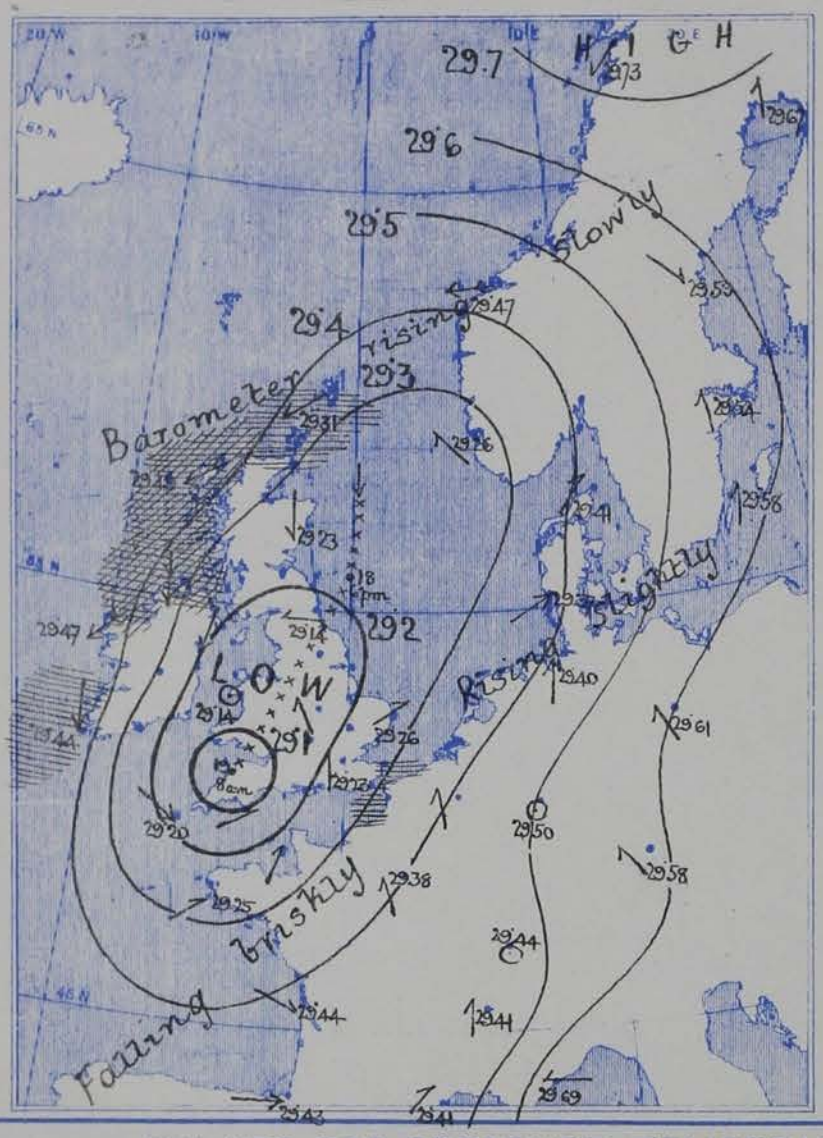
Bright Sunshine yesterday Southport 0.2 hrs; Eastbourne 7.6 hrs; Hastings 9.0 hrs. Brighton, not reported

WEATHER CHARTS

FOR Monday, 19th October, 1896.

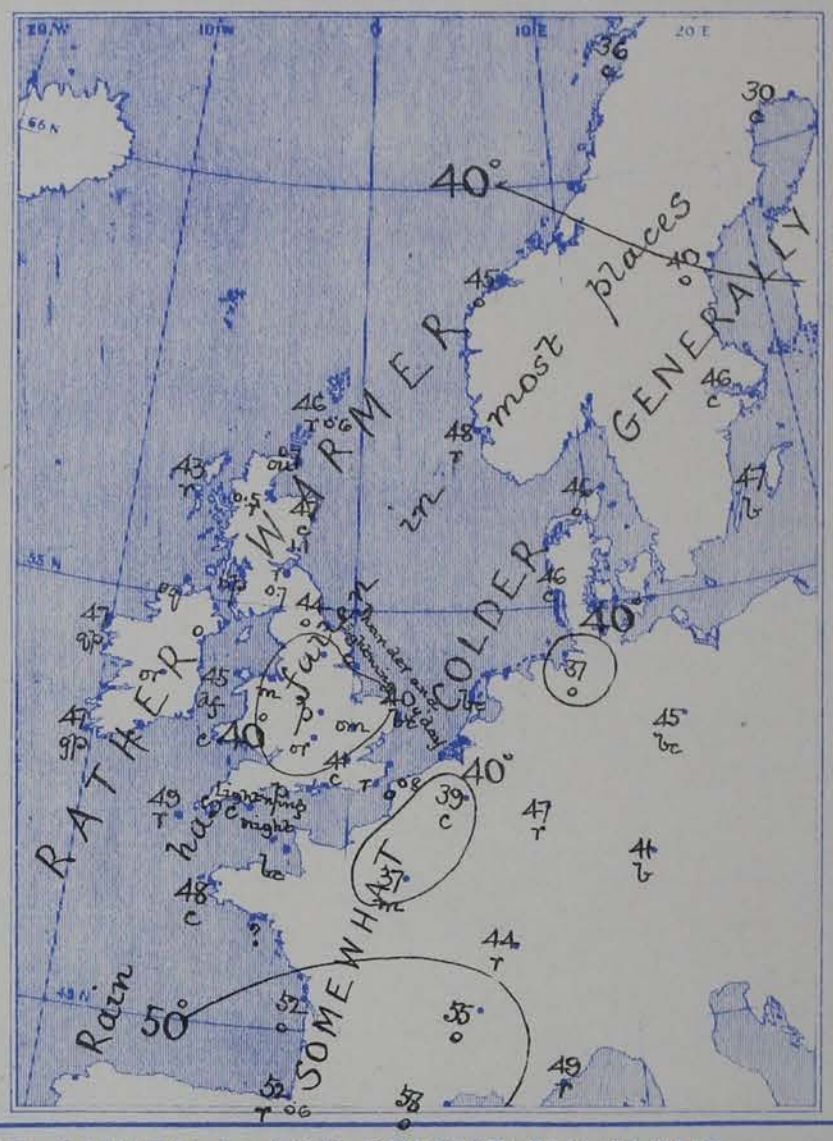
BAROMETER, WIND AND SEA.

BAROMETER Isobars are drawn for each tenth of an inch.
WIND Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶ : Force 5 to 7 ⟶ : } Calm ⊙
Force 8 to 10 ⟶ : Force 1 to 4 ⟶ : }
SEA—Rough : High



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER Shown by Letters of the Beaufort Scale.
RAINFALL— A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·3	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 29·7 ins: and upwards, in the north of Norway; 29·8 ins: and upwards, in the southeast of France.

Lowest, 29·1 ins: and less, in a depression lying over the southwest of England.

Gradients moderate or slight generally, but rather steep over Ireland and the west of Scotland.

Barometer rising a little in the north of our Islands and also on the eastern shores of the North Sea, but falling elsewhere, – briskly in France and the southwest of England.

TEMPERATURE

Highest, (1) 58° at Perpignan, 55° at Lyons and Lisbon, and 52° at Rochefort and Biarritz; (2) 50° at Donaghadee, 49° at Leeuden, 48° at Skudesnaes.

Lowest, (1) 30° at Hapavanda and 36° at Bodö; (2) 36° at Loughborough and 37° at York, Cambridge, Cuxhaven and Paris.

Ground frost occurred last night over the inland parts of England, the exposed thermometer falling to 28° in London and to 31° at Loughborough.

WIND

Strong to a gale from the NE.ly in the north of Scotland and from the N.ly in Ireland.

Moderate from the SW.ly or W.ly over the Channel and Bay of Biscay

Light from the S.ly over the eastern and central parts of England, and also over Central France, the Netherlands, Germany, Denmark and Sweden; E.ly in the west of Norway, with a gale at Christiansund.

WEATHER

Cloudy and unsettled over Western Europe generally, with rain in places, but fine at some of the Swedish, Danish and German stations.

Since yesterday morning rain has fallen at nearly all stations; the largest amounts being 1·1 in: at Aberdeen, 0·8 in: at Cape Gris Nez, and 0·7 inch at Wick and Lerwick. Thunder was heard at Spurn Hd, and lightning was seen in the evening or night at Hawks P. Yarmouth.

SEA

Very high at Stornoway, high or rough on our extreme western and northern coasts generally, and rather rough at Cape Gris Nez.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest is moving southwards, but other small disturbances are apparently forming in its rear, so that unsettled weather is likely to continue in most districts.

FORECASTS

For the 24 hours ending at NOON on 20th Oct. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	N.ly and NE.ly winds, strong, a gale in places; unsettled, some rain.
2 ENGLAND N.E.	SE.ly to E.ly winds, freshening; dull, unsettled, some rain.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S.ly to SE.ly winds, moderate; changeable, some rain or sleet.
6 SCOTLAND WEST	Same as Nos 0 and 1.
7 ENGLAND N.W.	N.ly to NE.ly winds, increasing in force; dull, unsettled, some rain.
8 ENGLAND S.W.	N.ly winds, strong; squally, showery
9 IRELAND NORTH 10 IRELAND SOUTH	N.ly gales and strong winds; squally, showery.
WARNINGS	At 7·20 pm yesterday to districts 1, 2, and parts of 7 and 9. Hoist North Cone. The signals are also flying in districts 0, 6, 8, 10 and the remainder of 7 and 9

Note.–The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·27	52	50	ESE	6	bc	3
Sumburgh Head							
Stornoway	29·30	48	48	E	5	rq	6
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29·20	47	44	E	5	c	4
Belmullet	29·33	47	44	N	8	o	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29·52	48	44	NW	5	c	3
Hurst Castle ...							
Dungeness ...	29·34	52	45	NNW	5	bc	4
North Foreland	29·35	48	43	W	4	bc	3
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29·72	54	52	NW	14	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 11TH TO THE 17TH OCT. 1896

The weather of last week though finer than of late in Ireland and Scotland, was again very unsettled over England, as well as in many parts of the Continent, with frequent, and in many cases heavy, falls of rain.

Shortly after the commencement of the period the shallow depression which had previously travelled across England, and a well marked secondary system which was developed on the 11th at the mouth of the Channel moved slowly southeastwards and gradually filled up. Cold N to NE winds now set in over the whole Kingdom, with improving weather in the west and north, but with a continuance of very unsettled weather in the east and south, the rainfall experienced in the southeast of England on the 12th and 13th being in some cases very heavy.

An anticyclone now advanced over our northern districts, while a still more important one appeared over northern Europe, the systems ultimately combining and spreading over all the more northern parts of the Kingdom. In the west and north the weather remained fair, but over England it was influenced by two depressions which advanced southwards from Germany. The first of these was comparatively shallow, and travelled in a southwesterly direction across the Netherlands and France. The second was much deeper, and on the 16th when its centre passed southwards over Belgium and the northeast of France the wind increased to a moderate gale from the NE on our eastern and southern coasts, with steady rain over nearly the whole of England.

At the close of the week the system was filling up, but a new disturbance was spreading over our Islands from the northwest, the general distribution of pressure over Western Europe being very complex.

Temperature was at first low generally, with night frosts over our northern and central districts. Later on, however, the thermometer rose and during the concluding part of the week the readings over our Islands were fairly normal.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 20th OCTOBER, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.83	21	N	4	b	7.85	+ .18	21	21	— 9	E	4	bc	*	b	*	43	?	—
	Hernösand ...	29.60	39	NE	6	r	29.53	— .06	38	37	— 2	SSW	1	f	*	r	*	43	37	0.67
	Stockholm ...	29.58	44	2	0	0	29.40	— .14	49	48	+ 3	SE	5	0	*	0	*	52	43	0.20
	Wisby	29.61	48	SSW	4	r	29.36	— .22	51	50	+ 4	S	6	0	*	r	*	51	41	0.08
	Karlstad ...	29.51	45	S	2	r	29.29	— .18	38	37	— 9	E	4	r	*	r	*	*	*	0.32
	Bodö	29.71	30	ENE	4	b	29.71	— .02	27	23	— 9	E	6	s	3	b	*	36	23	—
	Christiansund ...	29.39	44	NE	3	0	29.33	— .14	44	39	— 1	ESE	1	c	3	0	*	45	41	—
	Skudesnaes ...	29.36	50	SW	4	c	29.31	+ .05	47	43	— 1	SSE	4	c	3	c	*	50	41	*
	Færder (Christiania Fjord)	29.45	46	SSE	2	r	29.36	— .04	44	42	— 5	NNE	2	0	1	r	*	50	43	0.43
	Skagen (The Scaw)	29.36	47	SW	1	0	29.33	— .08	44	42	— 2	SE	1	c	0	0	*	48	41	—
	Fanö	29.38	43	S	2	c	29.31	— .06	41	39	— 5	S	1	c	*	c	*	50	41	—
BRITISH ISLANDS.	Sumburgh Head	29.39	42	NNE	2	r	29.32	+ .01	41	39	— 5	N	3	c	6	r	*	47	40	0.22
	Stornoway ...	29.58	41	N	6	0	29.47	— .02	38	38	— 5	N	3	0	3	rq, 0	0.7	45	35	0.21
	Wick	29.40	45	NE	6	r	29.38	+ .07	43	42	— 4	N	5	c	4	p	*	48	38	0.15
	Nairn	29.41	45	NNE	5	r	29.42	+ .13	41	39	— 5	NNE	2	c	3	r	*	48	39	0.12
	Aberdeen ...	29.34	44	SW	2	0	29.36	+ .13	41	40	— 6	NW	4	cpq	4	cp, 0, r	0.0	50	41	0.48
	Leith	29.33	42	ENE	1	r	29.36	+ .14	43	41	— 1	N	1	0	*	or	*	44	39	0.62
	Shields	29.30	43	SE	3	c	29.31	+ .17	36	35	— 8	WNW	3	cw	3	c	*	47	32	—
	Spurn Head ...	29.24	43	ENE	4	r	29.23	+ .06	45	44	+ 5	NNE	3	r	3	r, v	*	45	39	0.05
	York	29.26	39	NNE	1	c	29.29	+ .15	38	37	+ 1	NW	1	b	*	c	0.0	40	33	0.02
	Loughborough ...	29.25	40	N	1	0	29.29	+ .12	36	35	0	NW	2	bmw	*	p, cd, bc	*	41	33	0.09
	Ardrossan ...	29.34	49	NNW	3	c	29.37	+ .12	45	44	— 2	NE	1	0	1	bc, c	*	50	42	—
	Malin Head ...	29.42	48	N	9	oq	29.41	+ .11	44	42	— 2	N	4	cp	3	oq	*	49	42	0.15
	Belmullet ...	29.60	45	N	8	cpq	29.51	+ .04	43	41	— 4	NNW	3	0	*	cpq	*	48	41	0.21
	Donaghadee ...	29.36	50	NNE	7	c	29.38	+ .19	46	45	— 4	NNE	5	0	4	c	*	53	44	0.02
	Liverpool (Bidston)	29.28	41	NNE	1	c	29.33	+ .20	39	37	— 1	NW	1	b	1	o, c	*	45	36	—
	Holyhead ...	29.30	49	NNE	4	og	29.34	+ .20	43	41	— 2	SE	1	of	1	cp, oq	*	49	40	0.06
	Parsonstown ...	29.49	47	NW	2	0	29.46	+ .15	39	38	— 5	NW	1	c	*	oq, c	0.1	50	38	—
	Valencia ...	29.61	40	N	6	cq	29.51	+ .07	44	41	— 3	N	1	rq	3	opq, cq	0.1	51	38	0.09
	Roche's Point ..	29.47	48	N	6	cq	29.49	+ .20	45	43	0	NW	3	c	3	cq	*	50	44	—
	Pembroke (St. Ann's Hd.)	29.31	48	NE	3	c	29.36	+ .26	45	43	— 2	NNE	4	p	3	c	5.9	? 50	43	0.55
	Scilly	29.28	51	NNW	6	oq	29.41	+ .21	49	47	0	NW	6	c	4	op, oq	1.2	53	45	0.20
	Prawle Point ...	29.26	44	N	3	bc	29.36	+ .27	40	39	— 5	NW	2	c	1	p, bc	*	51	38	0.01
	Jersey (St. Aubin's)	29.22	52	WSW	4	bcp	29.36	+ .08	47	45	0	NNW	1	cw	1	cp	*	55	45	0.07
	Hurst Castle ...	29.21	47	NW	3	bcm	29.31	+ .11	40	38	— 4	NW	3	bm	2	c, bcm	*	55	[illegible]	0.04
	Dungeness ...	29.23	42	WSW	2	r	29.23	— .01	40	40	— 3	WNW	4	0	3	r, f	*	49	36	0.74
GERMANY & HOLLAND.	North Foreland	29.24	42	S	2	r	29.21	— .04	40	40	— 2	W	2	r	2	r	*	48	38	0.09
	London (Brixton) ...	29.22	41	SW	1	bc	29.24	+ .01	39	38	— 2	NW	3	0	*	op, bc, 0	0.2	45	38	0.10
	Oxford	29.26	40	WNW	2	0	29.29	+ .11	37	36	— 1	NW	1	bc	*	op	*	44	35	0.06
	Cambridge ...	29.22	40	S	1	rm	29.22	.00	39	39	+ 2	NW	3	r	*	rm	0.4	43	35	0.72
	Yarmouth ...	29.25	43	SSW	2	c	29.18	— .08	38	37	— 2	W	2	f	3	cpv, cr	*	47	35	0.57
	Cuxhaven ...	29.36	45	2	0	0	29.27	— .13	42	42	+ 5	2	0	c	*	0, r	*	46	37	0.08
	Berlin	29.41	53	SE	3	0	29.21	— .40	49	47	+ 4	NE	2	r	*	0	*	57	[illegible]	—
	Wiesbaden ...	*	*	*	*	*	29.29	— .21	46	45	— 1	SW	2	0	*	*	*	48	45	0.55
	Munich... ..	29.33	54	SE	5	0	29.21	— .37	45	45	+ 4	W	7	r	*	0	*	61	41	0.04
	The Helder ...	29.32	44	SSE	1	b	29.26	— .08	42	42	+ 1	ESE	1	m	1	b	*	48	39	—
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	29.28	— .10	40	39	+ 1	SE	3	0	*	0	*	47	37	—
	Cape Gris Nez ..	29.24	46	SW	6	r	29.19	— .07	42	41	0	NW	4	0	4	r	*	48	37	1.14
	Paris	29.34	43	SW	1	bc	29.31	— .07	42	41	+ 5	SW	3	r	*	bc	*	51	34	—
	Brest	29.27	50	NNW	1	0	29.42	+ .17	49	47	+ 1	NW	4	c	3	0	*	54	45	0.08
	Lorient... ...	29.29	52	WSW	3	bc	29.42	+ .04	49	47	+ 2	NW	4	c	2	bc	*	54	43	—
	Rochefort ...	29.42	60	WSW	3	bc	29.45	+ .01	51	50	— 1	NNW	4	c	*	bc	*	60	50	0.12
	Belfort	29.39	43	WSW	3	r	29.35	— .09	40	40	— 4	W	1	r	*	r	*	48	40	1.02
	Lyons	29.38	44	N	1	r	29.45	+ .04	42	41	— 13	S	1	0	*	r	*	57	41	1.02
	Nice	29.36	50	E	2	r	29.26	— .43	50	50	+ 1	SW	2	b	4	r	*	57	48	3.66
	Perpignan ...	29.31	54	NW	3	a	29.53	+ .12	47	42	— 11	S	1	bc	*	0	*	67	43	—
	Biarritz ...	29.43	50	W	6	r	29.52	+ .09	53	51	+ 1	WSW	7	r	6	rh	*	55	48	1.06
PENINSULA.	Corunna ...																*			
	Lisbon	29.84	55	WNW	4	b	30.00	+ .34	55	51	0	NNE	1	b	*	b	*	61	50	0.04
	Azores (P. Delgada)	30.22	59	ENE	1	0	30.21	+ .10	60	55	— 1	NNE	3	c	3	0	*	64	57	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

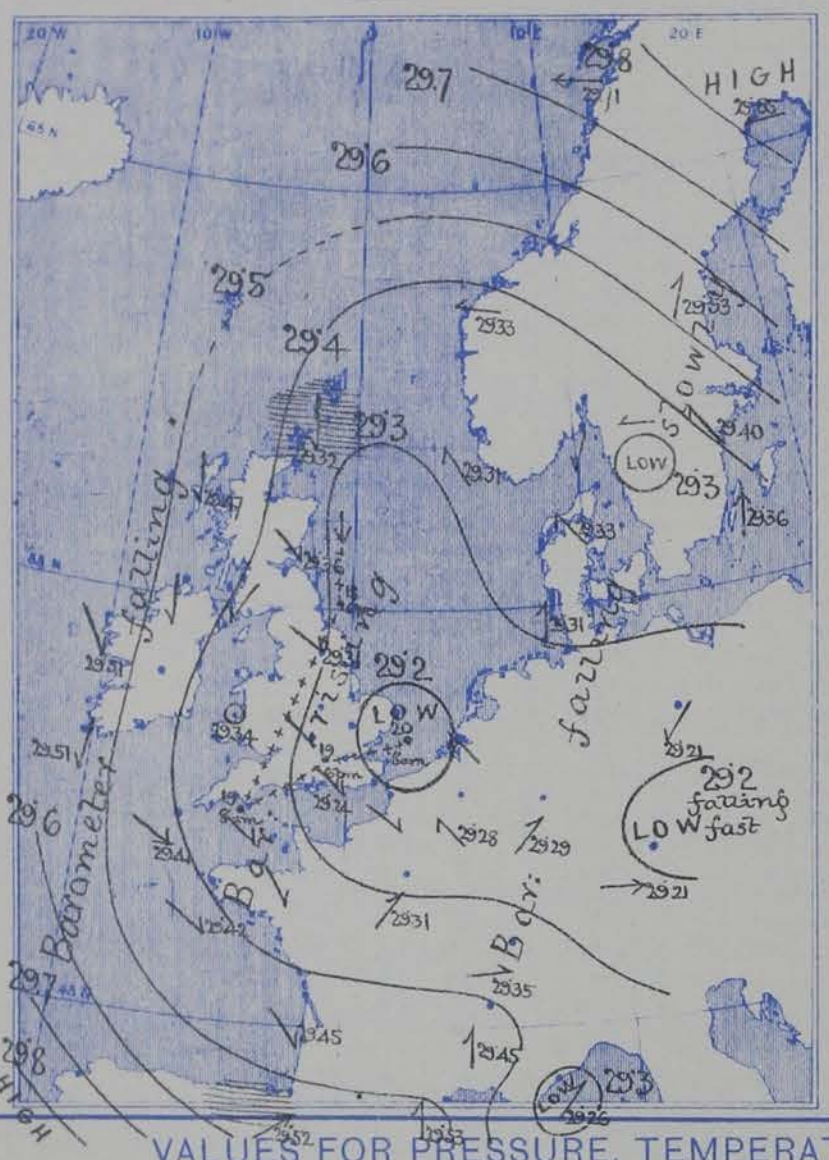
Bright Sunshine yesterday Southport 0.3 hrs; Eastbourne 0.4 hrs; Hastings 0.8 hr; Brighton 1.1 hrs

WEATHER CHARTS

FOR Tuesday, 20th October, 1896.

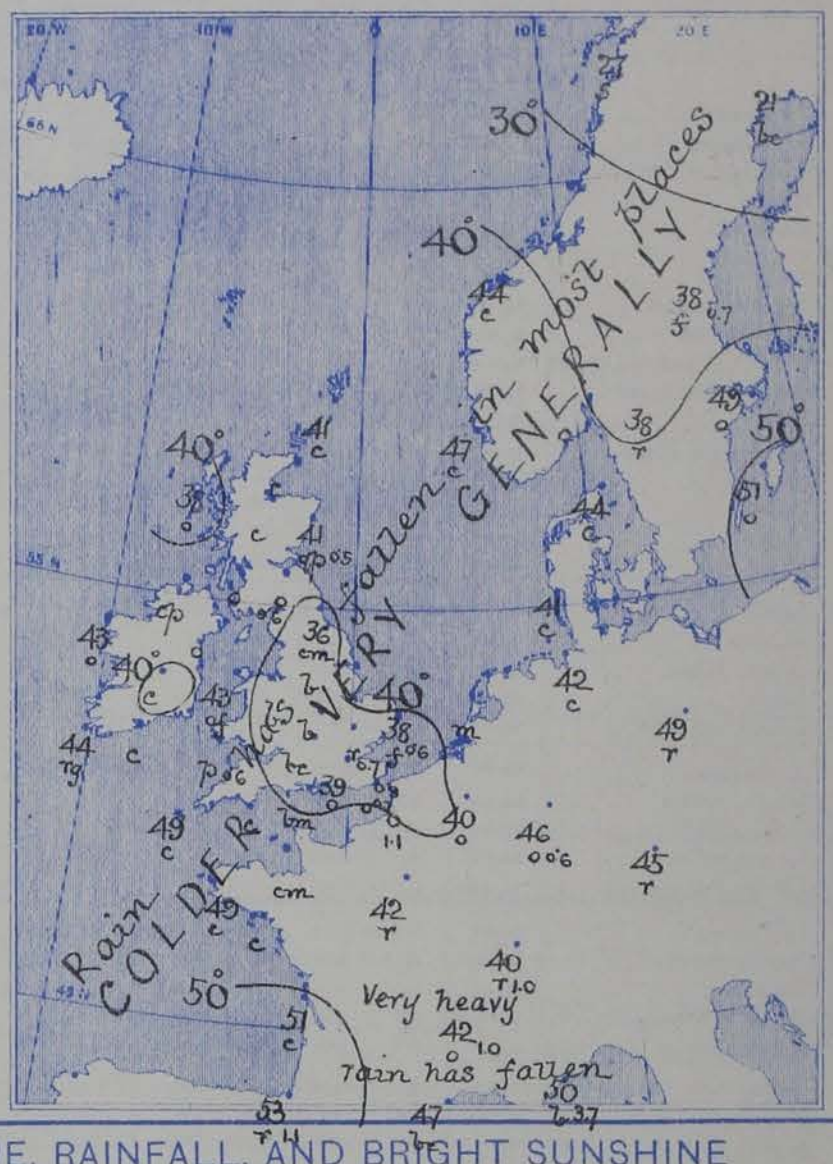
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ➔ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ➔ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—*Rough* ▤ ; *High* ▩



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours	Per cent. of possible
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·919	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 ins. and upwards in the south of Portugal, 29.8 ins. and upwards in Lapland.
Lowest 29.2 ins. and less in two depressions, — one lying off the east of England, and the other over central Germany; 29.3 ins. and less in two other systems lying respectively near Karlstad and over the SE of France.
Gradients slight generally, but moderate over the northern parts of Scandinavia.
Barometer rising slightly at some of the English stations, and also in the W. of France, but falling elsewhere.

TEMPERATURE

Highest (1) 55° at Lisbon, 53° at Biarritz, 51° at Rochefort, and 50° at Nice; (2) 51° at Wisby, & 49° at Stockholm.
Lowest (1) 21° at Haparanda, 27° at Bodö, and 38° at Hernösand and Karlstad; (2) 36° at Shields & Loughborough. ~~and Donaghadee~~.
Frost occurred last night at some of our N^rn and central stations, the thermometer on the grass falling to 28° at Loughborough.

WIND

Light to fresh from the N^wd on our northern coasts, and from the NW^wd over the south of our Islands and the west of France.
Light from the SW^wd over central France, and from the S^wd or SE^wd over the Netherlands and the eastern shores of the North Sea; E^ly at most of the Scandinavian stations.

WEATHER

Cloudy or dull over western Europe as a whole, with rain or passing showers in many places. Snow was falling at Bodö.
Fine at some of the central English stations, and also in the extreme south of France.
Rain again fell yesterday over nearly the whole of W^rn Europe, — heavily in many places. At Nice 3.7 ins. was reported this morning, while at Eastbourne 1.7 ins. fell between 9 am and 6 pm yesterday. The largest amounts in other places were 1.1 ins. at Cape Gris. Nez and Biarritz, and 1.0 in. at Belfort & Lyons.

SEA

Slight or smooth generally, but rough at Sumburgh H^d and also at Biarritz.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general distribution of pressure remains very complex. The depression which lay over the SW. of England yesterday is passing away to the eastward but there are some indications of the advance of further disturbances from the W^wd.

FORECASTS

For the 24 hours ending at NOON on 21st October 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	N^ly winds fresh, unsettled, some cold showers.
↑ SCOTLAND EAST	
↑ 2 ENGLAND N.E.	Same as No. 5.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	NW^ly winds, light, changeable, some cold showers.
6 SCOTLAND WEST	Variable breezes, finally NW^ly, cloudy, some rain.
↑ 7 ENGLAND N.W.	
8 ENGLAND S.W.	NW^ly winds, moderate or fresh, changeable, showery.
↑ 9 IRELAND NORTH	N^ly and NW^ly winds, unsettled, some showers.
10 IRELAND SOUTH	
WARNINGS	The North Cone is still flying in districts 1, 2 and parts of 7 and 9.

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.35	50	46	NW	4	c	3
Sumburgh Head	29.37	44	43	NE	5	r	6
Stornoway	29.54	46	44	NE	7	o	8
Aberdeen	29.27	48	47	NNE	3	cp	5
Shields	29.26	45	42	E	2	c	3
Ardrossan	29.30	49	49	NNW	3	bc	2
Malin Head ...	29.40	49	46	N	9	oq	6
Belmullet	29.56	47	44	NNE	8	c	*
Holyhead	29.26	48	44	NNE	4	cp	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.51	50	45	N	7	opq	6
Scilly	29.23	51	50	NNW	6	op	4
Jersey	29.23	53	49	SW	4	cp	3
Hurst Castle ...	29.17	55	50	WSW	3	c	2
Dungeness ...	29.24	42	41	WSW	3	r	2
North Foreland	29.28	42	41	S	2	r	2
London (Westminster)	29.18	46	43	S	3	o	*
Yarmouth ...	29.24	47	44	SSW	3	opv	3
Rochefort ...	29.44	57	52	W	3	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy and unsettled over nearly the whole of Europe, with rain in many parts of the W^rn. and S^rn. countries, and with snow in the N. of Russia. Fine at some of the Swedish, Danish and German stations, and also in Portugal. Heavy rain falling during day in many parts of Gt. Britain and France, — as much as 3.7 ins. at Nice.

Temperature rises in the W. and N. of our Islands, and also in Russia, but falls in most other localities. Morning reading highest 78° at Sfax, 73° at Nemours and La Calle, and 69° at Algiers and Malta; above 60° at the Mediterranean stations generally. Lowest (1) 30° at Haparanda, 32° at Ulealong and Archangel, 33° at Hango, (2) 36° at Loughborough, and 37° at York, Cambridge and Paris. Daily maxima below 45° at many of the English stations, but above 50° on our W. and S.W. coasts; above 55° in Germany and the S. of France, and reaching 67° at Perpignan. Ground frost occurring over central England at night.

Wind strong to a gale from the E^ward in the west of Norway, from the NE^ward in the north of Scotland, and from the N^ward in Ireland. Light to moderate from W. or S.W. over the Channel and Bay of Biscay, and from the S^ward over the eastern parts of England and France, as well as over the Netherland, Denmark, Germany and Russia. Calm or variable over Italy and Austria, N^ly in Spain, S^ly or SW^ly in Algeria. Gale in N. of Scotland subsiding later, no important change occurring elsewhere.

Barometer highest 30.2 ins. and upwards in an anticyclone over the S. of Russia. Lowest 29.1 ins. and less in a small depression over the W. of England. Depression subsequently moving slowly NE^ward and partially filling up; barometer rising steadily on our W^rn. and N^rn. coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 21st October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max	Temp. Min	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.71	31	NE	4	S	29.83	-.52	35	35	+14	E	2	r	*	S	*	35	18	0.55
	Hernösand ...	29.21	47	SE	8	r	28.98	-.65	40	39	+2	NW	4	f	*	r	*	48	37	2.08
	Stockholm ...	29.15	50	W	0	r	29.07	-.33	41	40	-8	W	6	0	*	r	*	52	41	0.55
	Wisby	29.13	51	S	4	r	29.23	-.13	45	43	-6	WNW	8	r	*	r	*	52	43	0.47
	Karlstad ...	29.23	38	NW	2	c	29.22	-.07	35	33	-3	WNW	2	bc	*	c	*	*	*	0.08
	Bodö	29.69	30	E	6	bc	29.31	-.40	?	?	?	E	4	0	2	bc	*	30	25	-
	Christiansund ...	29.32	45	ESE	1	c	29.30	-.03	42	40	-2	NE	3	0	3	c	*	46	41	0.28
	Skudesnaes ...	29.30	47	SSW	2	c	29.28	-.03	45	42	-2	SSE	2	0	3	c	*	50	43	*
	Færder (Christiania Fjord)	29.30	45	NNW	2	c	29.29	-.07	40	38	-4	W	0	b	0	c	*	45	39	-
	Skagen (The Scaw)	29.31	46	NE	1	0	29.31	-.02	43	41	-1	W	1	bc	0	0	*	48	41	0.04
	Fanö	29.30	43	W	0	c	29.33	+.02	42	42	+1	S	1	r	*	c	*	48	41	0.16
	Sumburgh Head	29.29	38	N	5	r	29.38	+.06	39	37	-2	N	3	bc	5	op. or	*	43	37	0.21
	Stornoway ...	29.49	39	N	3	0	29.61	+.14	37	37	-1	NE	5	0	5	c.o	2.6	46	35	0.10
	Wick	29.40	40	N	5	0	29.45	+.07	42	41	-1	N	5	0	4	r s p	*	43	37	0.05
	Nairn	29.43	42	NE	2	c	29.49	+.07	40	39	-1	NW	2	0	2	o, c	*	49	36	0.03
	Aberdeen ...	29.39	41	NNW	3	c	29.42	+.06	40	39	-1	NNW	6	o gqr	5	bc, cp	2.0	47	37	0.26
	Leith	29.39	44	ENE	2	0	29.46	+.10	39	37	-4	NW	2	0	*	o	*	47	35	0.01
	Shields	29.33	45	W	0	r	29.42	+.11	39	37	+3	NNW	2	b	2	c, r	*	50	35	0.32
	Spurn Head ...	29.27	47	NE	3	r	29.40	+.17	44	44	-1	WNW	3	b	3	op. r	*	49	40	0.58
	York	29.30	44	N	1	b	29.44	+.15	41	40	+3	NW	1	0	*	b	5.8	49	35	0.01
	Loughborough ...	29.32	44	NW	1	c	29.43	+.14	38	37	+2	W	0	o gmw	*	bc, b, om	*	52	34	-
BRITISH ISLANDS.	Ardrossan ...	29.39	45	W	0	om	29.50	+.13	42	41	-3	W	0	b	0	cm, om	*	50	37	-
	Malin Head ...	29.41	45	NNW	3	c	29.50	+.09	43	42	-1	N	5	op	3	c	*	46	42	0.02
	Belmullet ...	29.49	41	N	1	bc	29.55	+.04	?48	?42	?+5	NE	3	0	*	bc	*	48	?37	0.23
	Donaghadee ...	29.40	47	NW	4	c	29.47	+.09	44	43	-2	E	4	c	2	c	*	48	39	0.01
	Liverpool (Bidston)	29.36	43	NW	1	b	29.44	+.11	41	40	+2	NNE	1	b	1	b	*	46	39	-
	Holyhead ...	29.35	47	NE	3	0	29.44	+.10	44	42	+1	E	1	f	1	cp, o	*	49	41	0.05
	Parsonstown ...	29.49	44	N	1	c	29.50	+.04	32	31	-7	W	0	c	*	c	2.0	47	29	
	Valencia ...	29.48	41	W	0	b	29.53	+.02	38	37	-6	ENE	1	c	2	cp, b	2.7	48	35	0.02
	Roche's Point ..	29.44	46	NNW	3	b	29.49	-.00	40	38	-5	NNW	3	c	3	c, b	*	49	39	-
	Pembroke (St. Ann's Hd.)	29.34	46	N	2	0	29.41	+.05	41	39	-4	E	3	bm	3	0	0.2	46	38	0.24
	Scilly	29.35	49	NNW	4	c	29.37	-.04	49	45	0	N	4	cp	3	c	5.2	51	45	0.07
	Prawle Point ...	29.38	47	NW	2	c	29.39	+.03	38	37	-2	N	3	c	2	cp	*	55	37	0.01
	Jersey (St. Aubin's)	29.35	49	SW	2	0p	29.34	-.02	43	42	-4	W	3	bcmw	3	om, p	*	53	40	0.05
	Hurst Castle ...	29.33	45	WNW	1	cm	29.38	+.07	40	38	0	N	2	bm	1	cm	*	51	35	-
	Dungeness ...	29.30	43	WNW	2	c	29.35	+.12	36	36	-4	NNW	2	f	1	r, c	*	49	33	0.01
	North Foreland	29.25	44	W	3	r	29.39	+.18	45	44	+5	WNW	2	bc	2	r	*	45	36	0.18
	London (Brixton) ...	29.31	44	WNW	2	bc	29.41	+.17	40	40	+1	WNW	1	om	*	or, bc	0.2	46	38	0.03
	Oxford	29.35	38	NW	1	b	29.42	+.13	36	35	-1	N	1	bf	*	b, bf	*	49	35	
	Cambridge ...	29.29	44	NNW	2	r	29.43	+.21	34	34	-5	W	0	bm	*	or, b	0.8	48	33	0.06
	Yarmouth ...	29.20	42	NW	1	bc	29.38	+.20	40	39	+2	WNW	2	bm	3	r, c, bc	*	44	36	0.20
GERMANY & HOLLAND.	Cuxhaven ...	29.28	45	W	0	c	29.33	+.06	40	40	-2	SSE	3	c	*	c	*	46	37	-
	Berlin	29.31	46	WSW	4	r	29.58	+.37	40	38	-9	SW	3	b	*	r	*	52	35	0.32
	Wiesbaden ...	*	*	*	*	*	29.54	+.25	43	42	-3	SW	2	0	*	*	*	50	41	0.08
	Munich... ..	-	-	-	-	-	29.67	+.46	34	34	-11	SE	4	b	*	?	*	46	32	0.24
	The Helder ...	29.27	43	ESE	1	0	29.35	+.09	45	43	+3	W	1	b	1	0	*	46	39	0.28
	Brussels ...	*	*	*	*	*	29.44	+.16	43	42	+3	SSE	1	r	*	0	*	46	39	0.04
	Cape Gris Nez...	29.28	44	NNW	5	0	29.35	+.16	41	40	-1	SE	1	c	1	0	*	48	37	0.08
	Paris	29.41	45	S	2	c	29.48	+.17	46	42	+4	S	5	0	*	bc	*	57	36	-
	Brest	29.39	50	W	1	0	29.39	-.03	48	45	-1	NW	3	c	3	0	*	54	41	0.16
	Lorient... ...	29.43	51	WNW	5	bc	29.36	-.06	47	45	-2	NW	4	bc	3	bc	*	50	43	0.43
FRANCE & BELGIUM.	Rochefort ...	29.59	55	WNW	5	0	29.42	-.03	54	54	+3	NW	6	0	*	c, o	*	59	51	0.63
	Belfort	29.55	42	SSW	6	r	29.56	+.21	41	39	+1	W	0	c	*	r	*	49	40	0.16
	Lyons	29.62	46	WSW	1	b	29.60	+.15	46	42	+4	S	3	0	*	b	*	56	42	0.04
	Nice	29.62	49	W	4	b	29.75	+.49	44	39	-6	E	1	b	3	b	*	57	43	-
	Perpignan ...	29.71	55	E	1	0	29.62	+.09	44	44	-3	W	4	b	*	0	*	67	43	0.08
	Biarritz ...	29.67	54	WSW	5	r	29.52	-.00	54	53	+1	WSW	5	r	5	r	*	55	53	1.02
PENINSULA.	Corunna ...																*			
	Lisbon	30.07	56	WSW	2	b	30.03	+.03	60	54	+5	W	5	0	*	b	*	63	55	-
	Azores (P. Delgada)	30.19	62	ENE	3	c	30.06	-.15	62	58	+2	NE	3	c	4	c	*	68	59	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 7.5 hrs: Eastbourne 6.7 hrs. Hastings 0.8 hr. Brighton 7.8 hrs.

WEATHER CHARTS

FOR Wednesday, 21st October, 1896.

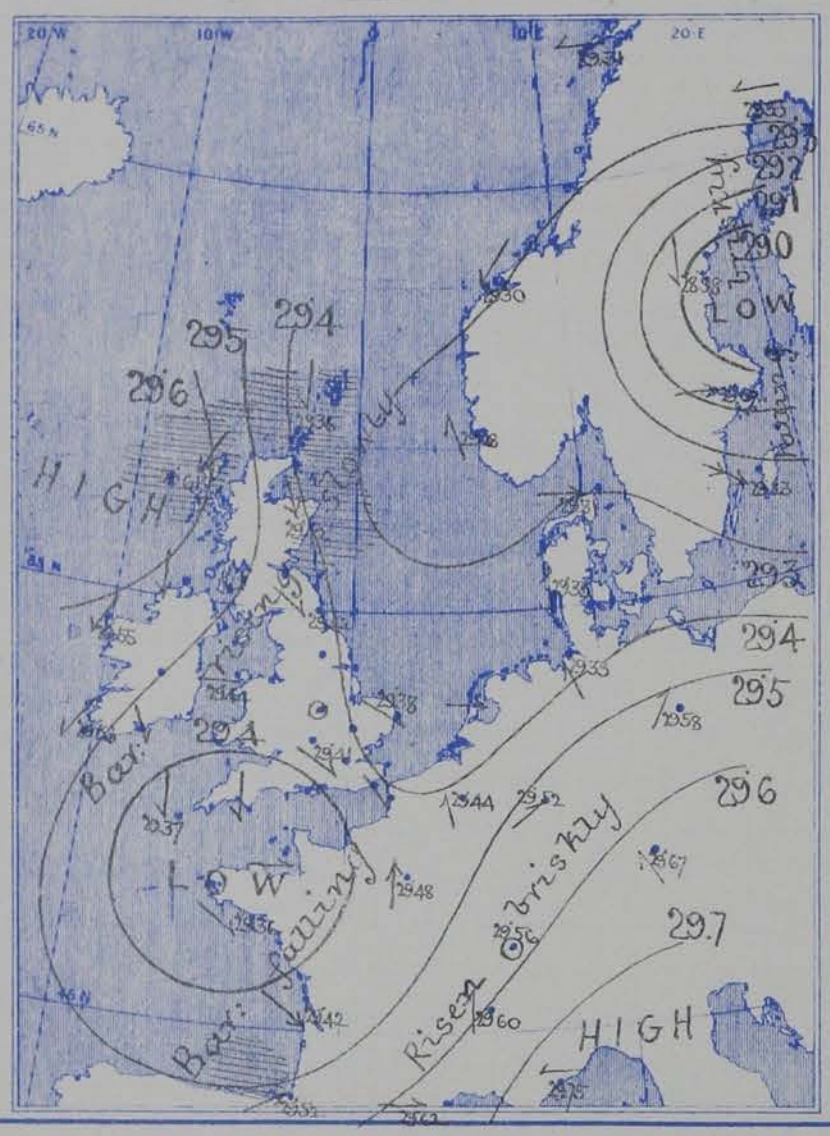
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙

SEA—*Rough* ; *High*

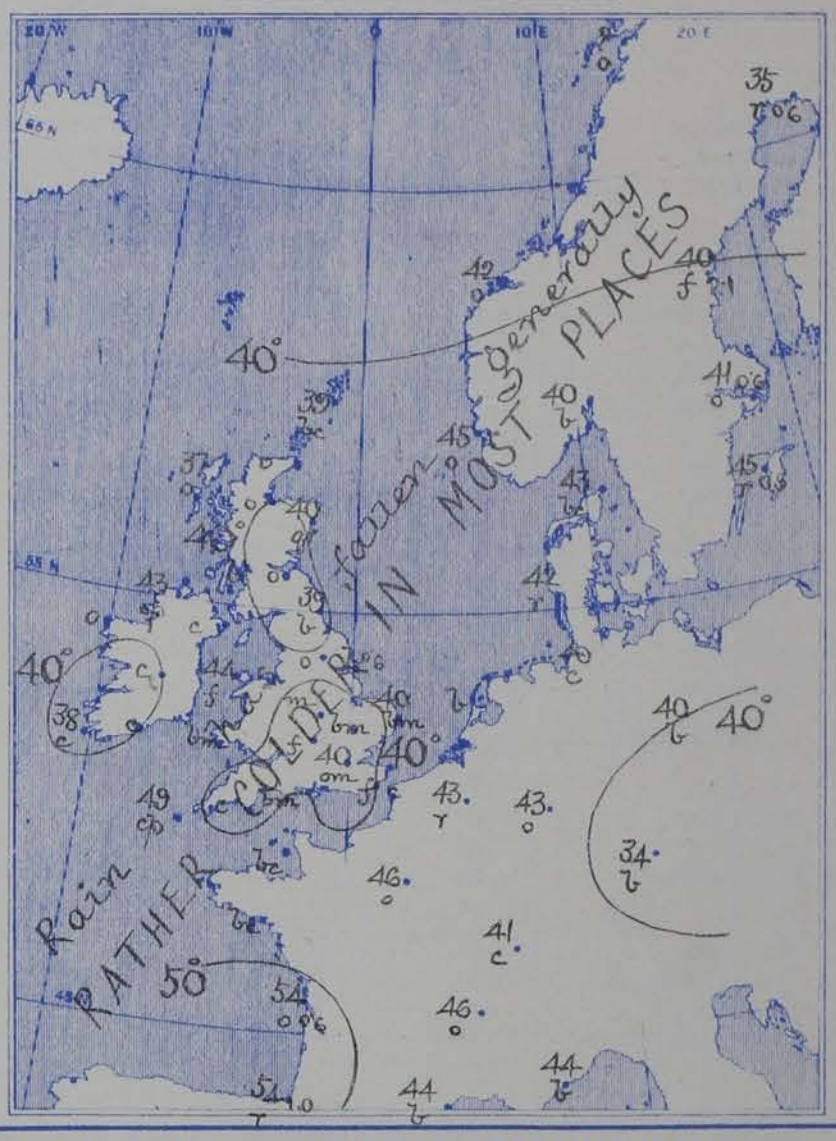


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF OCTOBER.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·34	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 ins. and upwards over the south of Portugal, 29.6 in. and upwards in the Hebrides.
Lowest 29.0 ins. and less in a depression lying over the S.ern parts of the Gulf of Bothnia; 29.4 ins. and less in a shallow system over the extreme S. of England and the NW. of France.
Gradients slight generally, but rather steep over Sweden.
Barometer rising in our Islands, and also over the Netherlands, Denmark and Germany; falling elsewhere, – briskly in Sweden.

TEMPERATURE

Highest 60° at Lisbon, 54° at Rochefort and Biarritz, 49° at Scilly, and 47° at Lorient.
Lowest (1) 32° at Parsonstown, 34° at Cambridge, and 36° at Oxford; (2) 34° at Munich, (3) 35° at Haparanda and Karlstad.
Frost occurred last night over central Ireland, and, on the ground in many parts of Gt. Britain; at Loughborough the exposed thermometer fell to 27°.

WIND

Light to fresh from the N.wd or NE.wd on our western and northern coasts; light from the W. or NW. in the east and southeast of England, and fresh from the same quarters in the west of France. S.ly over central France, Germany and the eastern shores of the North Sea.
Light to moderate from the E.wd in the north of Scandinavia, but strong to a gale from the W.wd in the south of Sweden.

WEATHER

Fair or fine over the greater part of England and the south of Ireland, as well as in the Netherlands, Germany and the extreme south of France.
Dull elsewhere, with showers in some parts of Scotland and the N. of Ireland, and with steady rain at Haparanda, Ulsky, Fano and Biarritz.
Rain has again fallen in nearly all parts of W.ern and N.ern Europe, the largest amounts reported being 2.1 ins. at Hornsund, 1.0 in. at Biarritz, and 0.6 in. at Stockholm, Spurn H. & Rochefort. A lunar halo and corona were seen at Stornoway last night.

SEA

Rather rough off the N. and NE. of Scotland, and also at Biarritz, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression in the south seems likely to move away to the SE.wd. The general conditions are, however still somewhat unsettled, and showers are probable over the E.rn parts of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 22ND OCTOBER 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	N.ly winds, fresh, changeable, some cold showers.	6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	N.ly or NE.ly winds, light or moderate; fair generally.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No. 5.	WARNINGS	None issued
5 ENGLAND SOUTH	W.ly and NW.ly winds, light, fair at first, doubtful later, probably some showers.		

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.32	50	45	S	4	c	3
Sumburgh Head	29.30	41	39	N	4	o	6
Stornoway	29.48	45	44	ENE	4	o	4
Aberdeen	29.37	44	41	NNW	4	bcqj	5
Shields	29.31	49	44	W	0	c	3
Ardrossan	29.36	49	48	W	0	cm	0
Malin Head ...	29.42	45	43	NW	3	c	2
Belmullet	29.49	44	42	N	3	c	*
Holyhead	29.34	47	44	NE	2	c/p	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA
Valencia	29.47	47	43	N	2	cv	3
Scilly	29.38	50	46	NW	4	c	4
Jersey	29.36	52	47	W	3	o	3
Hurst Castle ...	29.32	50	45	WNW	2	cm	2
Dungeness ...	29.25	44	43	NW	3	r	2
North Foreland	29.23	42	41	W	2	r	2
London (Westminster)	29.26	47	44	NW	2	o	*
Yarmouth ...	29.17	43	42	SW	2	c	3
Rochefort ...	29.57	57	54	NW	4	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull over nearly the whole of Europe, with rain in many parts of the W^m, central and S^m countries, and snow at Bodö. Fine in some parts of central Europe, as well as over the Spanish peninsula and the extreme south of France. Rain falling during day over Wm Europe generally, — heavily in Sweden, and also in the south of France. Snow reported at Haparanda and sleet showers in the N. of Scotland.

Temperature fallen a little over W^m and N^m Europe generally, but risen elsewhere. Morning readings highest 81° at Spax, 78° at Palermo, 75° at Malta, and 72° at Tunis; above 60° at the Mediterranean and Adriatic stations generally. Lowest (1) 21° at Haparanda, 26° at Ulearborg, and 27° at Bodö and Archangel; (2) 36° at Shields and Loughborough, and 37° at Oxford. Daily maxima below 50° over the United Kingdom as a whole, and below 45° at some of our N^m and E^m stations, thermometer exceeding 55° in the S. of France, and reaching 67° at Perpignan. Ground frost occurring in many parts of our Islands at night.

Wind light to fresh from the N^wd on our northern coasts, and from the NW^wd in the south of our Islands, the N. and W. of France and the Spanish peninsula; light from the SE^wd in the Netherlands. Variable over western Germany, moderate to strong from the SW^wd in Italy; S^ly or SE^ly over Austria, Russia, E^rn Germany and the Baltic, E^ly in the N. of Scandinavia. Subsequently falling light over our Islands generally, but remaining N^ly or NW^ly in direction.

Barometer highest 30.0 ins. and upwards in an anticyclone lying to the SW. of the Spanish peninsula, and also in another system over SE^rn Europe. Lowest 29.2 ins. and less in two small depressions, — one lying off the E. of England and the other over central Germany. No important change occurring over W^rn Europe during day.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 22nd October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	28·80	31	S	4	0	28·94	-·39	34	33	-1	SW	4	0	*	0	*	45	28	1·06
	Hernösand ...	29·13	37	SW	6	c	29·29	+·21	39	35	-1	SW	6	b	*	c	*	41	34	0·16
	Stockholm ...	29·48	41	W	2	b	29·56	+·49	39	38	-2	SSW	2	b	*	b	*	54	37	0·08
	Wisby	29·58	48	NNW	4	r	29·62	+·39	44	42	-1	SW	6	c	*	r	*	48	41	0·08
	Karlstad ...	29·43	42	N	0	b	29·54	+·32	37	36	+2	N	0	f	*	b	*	*	*	-
	Bodö	29·04	35	S	4	m	29·01	-·30	36	35	?	NW	1	m	1	m	*	36	30	0·39
	Christiansund ...	29·43	42	N	5	r	29·52	+·22	42	38	0	NW	7	r	5	r	*	43	39	0·08
	Skudesnaes ...	29·41	43	N	0	b	29·52	+·24	40	37	-5	NE	2	0	1	c.b	*	49	39	*
	Færder (Christiania Fjord)	29·40	46	W	2	b	29·53	+·24	40	37	0	WNW	1	b	1	b	*	46	39	-
	Skagen (The Scaw)	29·44	44	WNW	1	b	29·55	+·24	45	43	+2	SSW	1	b	0	b	*	48	37	0·04
	Fanö	29·47	42	N	0	b	29·52	+·19	41	41	-1	SSW	2	b	*	b	*	46	39	-
	Sumburgh Head	29·47	41	N	4	r	29·69	+·31	37	35	-2	N	3	c	5	rsp.r	*	44	35	0·51
	Stornoway ...	29·73	36	N	5	0	29·85	+·24	34	34	-3	N	3	0	3	rhsp.c	4·3	42	32	0·15
	Wick	29·68	42	N	5	0	29·74	+·29	39	38	-3	N	4	c	3	ohp	*	46	36	0·10
	Nairn	29·63	38	NNW	3	c	29·77	+·28	39	37	-1	NW	2	bc	2	c	*	43	36	0·04
	Aberdeen ...	29·56	38	NNW	3	bc	29·72	+·30	39	38	-1	NNW	5	bcg	5	prs	1·3	44	36	0·71
	Leith	29·60	42	NW	2	bc	29·73	+·7	39	37	0	NW	1	b	*	bc	*	47	34	
	Shields	29·53	44	NW	3	0	29·63	+·21	36	36	-3	WNW	3	r	3	r,o,r	*	46	33	0·24
	Spurn Head ...	29·51	43	NW	3	b	29·62	+·22	41	38	-3	NW	4	b	4	b,r	*	49	40	0·19
	York	29·53	42	N	1	r	29·60	+·22	35	34	-6	NW	1	b	*	b,r	4·8	51	33	0·10
	Loughborough ...	29·54	42	NW	1	bc	29·69	+·26	34	33	-4	WNW	1	bmw	*	bcm.cm	*	50	34	-
BRITISH ISLANDS	Ardrossan ...	29·62	42	N	2	bc	29·79	+·29	42	41	0	N	1	b	1	c.bc	*	50	36	-
	Malin Head ...	29·68	43	N	6	ohp	29·85	+·35	43	40	0	N	5	cp	3	c, ohq	*	45	37	0·13
	Belmullet ...	29·79	42	NNE	5	bc	29·94	+·39	43	39	-5	N	5	bc	*	bc	*	48	39	0·07
	Donaghadee ...	29·62	44	N	5	0	29·79	+·32	44	41	0	NNE	5	bc	3	r, 0	*	47	40	0·16
	Liverpool (Bidston)	29·57	45	NNW	1	c	29·72	+·28	38	36	-3	N	0	b	1	c	*	48	36	0·01
	Holyhead ...	29·61	46	N	3	qd	29·75	+·31	44	40	0	NNE	4	c	3	cp.r.tl	*	49	40	0·36
	Parsonstown ...	29·68	42	NE	1	b	29·91	+·41	32	32	0	N	0	b	*	b	4·8	47	31	-
	Valencia ...	29·70	46	NNE	6	cq	29·96	+·43	43	39	+5	N	5	oqp	4	cq	2·2	49	36	0·01
	Roche's Point ..	29·63	45	NNE	4	bc	29·89	+·40	39	37	-1	NNW	5	b	4	d, bc	*	47	36	0·02
	Pembroke (St. Ann's Hd.)	29·55	44	E	3	b	29·75	+·34	44	40	+3	NNE	4	bc	3	b	6·5	49	40	0·03
	Scilly	29·47	50	NNE	3	0	29·70	+·33	48	45	-1	NNW	5	c	3	pst,tl	0·0	50	43	0·48
	Prawle Point ...	29·47	46	NNE	2	c	29·69	+·30	39	38	+1	N	4	m	3	c.cl	*	52	36	-
	Jersey (St. Aubin's)	29·46	48	ENE	2	cq	29·61	+·27	49	47	+6	NE	3	om	3	bv,oq.l	*	56	41	0·05
	Hurst Castle ...	29·48	45	N	2	cm	29·66	+·28	39	38	-1	NNE	3	cm	2	cm	*	52	37	-
	Dungeness ...	29·44	43	NNW	2	bc	29·61	+·26	39	38	+3	N	3	c	2	bc,f	*	49	35	-
	North Foreland	29·47	47	NNW	3	c	29·63	+·24	43	42	-2	NNW	3	o	2	c.tl	*	51	40	0·02
	London (Brixton) ...	29·51	47	N	2	c	29·67	+·26	39	38	-1	NNW	1	cm	*	bcm.b	0·6	49	37	-
	Oxford	29·57	38	NNW	2	b	29·70	+·28	35	35	-1	NNE	1	bc	*	c,b,bf	*	48	32	-
	Cambridge ...	29·53	42	N	1	b	29·67	+·24	39	39	+5	NW	2	o	*	c.b	3.0	49	33	0·05
	Yarmouth ...	29·46	47	NNE	2	b	29·59	+·21	41	40	+1	WNW	3	bcm	4	b	*	50	35	0·01
GERMANY & HOLLAND.	Cuxhaven ...	29·44	41	SW	2	c	29·52	+·19	39	39	-1	N	0	bm	*	c	*	46	36	0·08
	Berlin	29·63	48	SE	2	0	29·67	+·09	46	44	+6	SW	2	o	*	o	*	54	40	-
	Wiesbaden ...	*	*	*	*	*	29·69	+·15	45	43	+2	S	1	c	*	*	*	50	43	0·16
	Munich... ..	29·65	41	SW	5	bc	29·85	+·18	43	42	+9	SW	3	r	*	bc	*	54	34	0·04
	The Helder ...	29·48	46	N	0	b	29·57	+·22	40	39	-5	N	0	m	1	b	*	50	36	-
BELGIUM.	Brussels ...	*	*	*	*	*	29·63	+·19	43	43	0	SW	1	r	*	r	*	48	42	0·83
	Cape Gris Nez...	29·42	44	E	1	m	29·56	+·21	44	43	+3	NE	3	o	3	m	*	50	41	0·59
	Paris	29·47	46	SW	2	c	29·64	+·16	41	41	-5	SSW	2	f	*	c	*	49	39	0·20
	Brest	29·44	48	NW	1	bc	29·64	+·25	46	45	-2	N	4	b	3	bc	*	51	39	0·28
	Lorient... ...	29·42	50	NW	4	0	29·54	+·18	48	43	+1	NSW	2	o	2	o	*	?	41	0·39
FRANCE &	Rochefort ...	29·53	53	W	3	c	29·63	+·21	50	50	-4	NNW	2	r	*	c	*	57	48	0·39
	Belfort	29·60	43	NW	6	r	29·69	+·13	44	42	+3	N	0	o	*	r	*	49	41	0·12
	Lyons	29·65	50	S	1	0	29·75	+·15	47	44	+1	S	2	r	*	o	*	53	43	0·04
	Nice	29·76	46	E	6	r	29·93	+·18	46	43	+2	E	2	b	4	r	*	61	43	0·51
	Perpignan ...	29·72	51	N	0	b	29·76	+·14	43	43	-1	SW	1	bc	*	b	*	63	41	-
	Biarritz ...	29·65	56	SW	5	r	29·69	+·17	53	51	-1	NSW	5	o	5	r	*	57	52	0·47
PENIN-SULA.	Corunna ...																*			
	Lisbon	30·00	60	NSW	4	0	29·92	-·11	58	55	-2	NSW	5	r	*	o	*	64	57	0·04
	Azores (P. Delgada)	29·95	63	ENE	3	0	29·92	-·14	63	57	+1	ENE	4	c	4	o	*	66	59	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

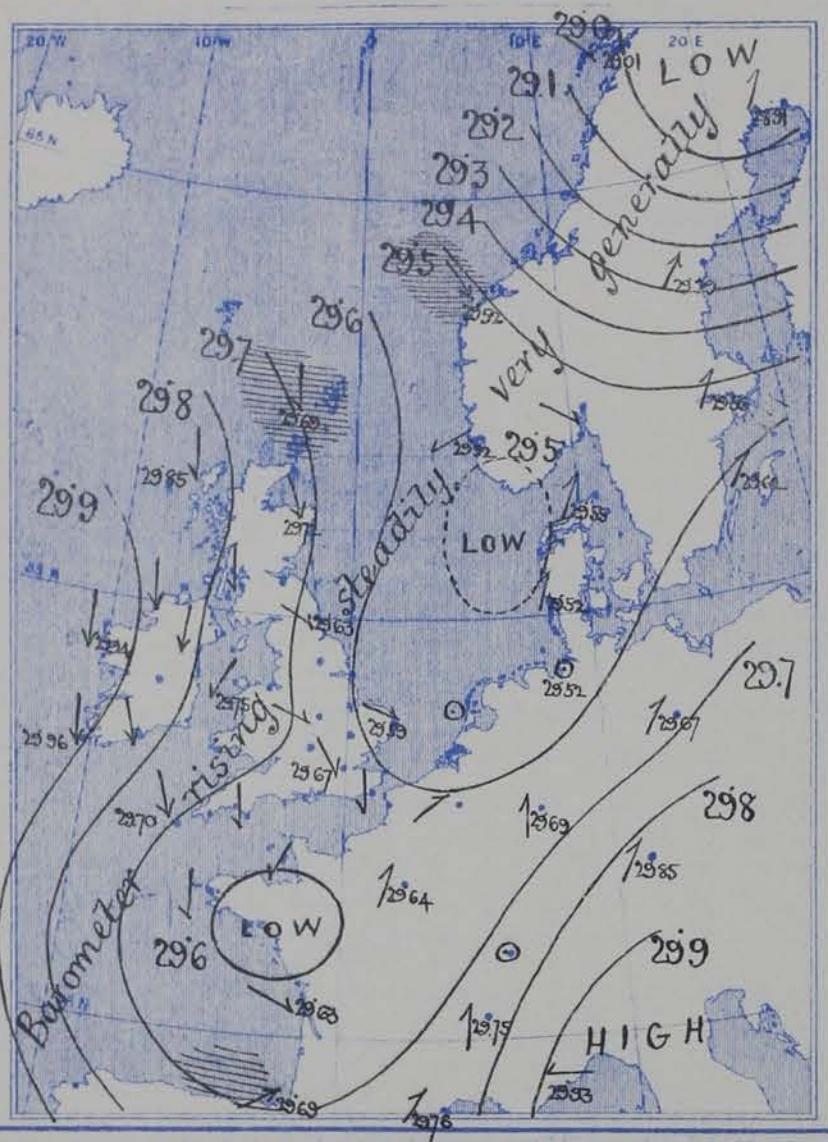
Bright Sunshine yesterday Southport 7·6 hrs, Eastbourne 5·7 hrs; Hastings, 5·2 hrs, Brighton 8·7 hrs.

WEATHER CHARTS

FOR Thursday, 22nd October, 1896.

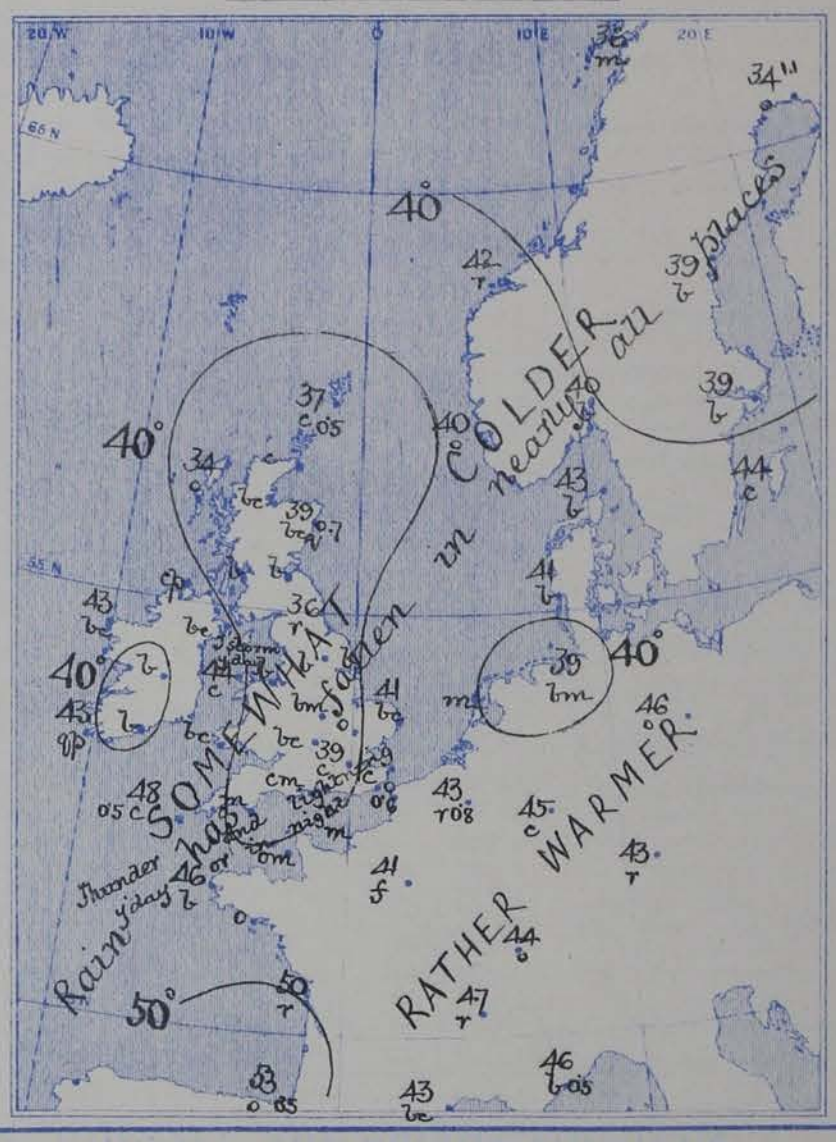
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—*Rough* ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 712	45 · 9	44 · 2	49 · 7	41 · 6	69	1882	26	1875	4 · 31	—	—
Stornoway	29 · 743	45 · 4	44 · 3	50 · 8	40 · 3	67	1895	26	1880	5 · 15	84 · 1	27
Wick	29 · 747	46 · 1	44 · 5	51 · 6	40 · 4	64	1883, 94	22	1885	3 · 14	—	—
Nairn	29 · 763	44 · 5	42 · 6	51 · 9	40 · 0	69	1895	20	1885	2 · 51	—	—
Aberdeen	29 · 779	45 · 4	43 · 4	52 · 3	41 · 1	74	1883	25	1880	3 · 05	97 · 5	31
Leith	29 · 805	46 · 4	44 · 5	54 · 5	41 · 4	69	1882	25	1894	2 · 03	—	—
Shields	29 · 826	46 · 9	45 · 1	53 · 2	42 · 2	67	1875, 76, 82, 90	27	1890, 92, 95	2 · 58	—	—
Spurn Head	29 · 847	48 · 8	47 · 3	53 · 3	45 · 5	66*	1882, 90, 95	33*	1887, 95	2 · 33	—	—
York	29 · 862	45 · 6	44 · 2	54 · 4	41 · 0	70	1883, 95	24	1880, 95	2 · 74	87 · 3	27
Loughborough	29 · 886	45 · 6	44 · 3	55 · 6	40 · 9	77*	1886	20*	1890	2 · 83	—	—
Ardrossan	29 · 813	47 · 6	45 · 7	53 · 5	43 · 4	67	1895	26	1880	3 · 82	—	—
Donaghadee	29 · 834	47 · 6	46 · 3	53 · 6	43 · 3	65	1895	21	1892	3 · 22	—	—
Holyhead	29 · 854	50 · 1	48 · 0	54 · 6	47 · 0	71	1886	32	1892	4 · 44	—	—
Liverpool	29 · 862	47 · 6	45 · 5	53 · 7	44 · 5	72	1886	27	1895	3 · 58	—	—
Parronstown	29 · 877	45 · 5	43 · 9	54 · 6	40 · 4	68	1873	22	1880	3 · 12	97 · 1	30
Valencia	29 · 879	51 · 0	48 · 8	56 · 3	46 · 3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5 · 57	104 · 2	32
Roche's Point	29 · 876	49 · 9	48 · 1	55 · 7	45 · 8	65	1880, 84, 86	32	1881	4 · 16	—	—
Pembroke	29 · 875	51 · 0	49 · 1	54 · 7	47 · 8	66	1872, 86	33	1895	4 · 11	103 · 4	32
Scilly	29 · 892	53 · 6	51 · 5	56 · 6	50 · 0	69	1895	38	1895	3 · 77	—	—
Prawle Point	29 · 910	51 · 0	49 · 0	56 · 5	46 · 1	68*	1882	29*	1887	3 · 78	—	—
Jersey	29 · 913	53 · 3	50 · 6	58 · 3	48 · 7	73	1876	33	1887	4 · 70	127 · 4	39
Hurst Castle	29 · 906	50 · 7	49 · 1	57 · 1	45 · 8	72	1874	27	1887	3 · 60	—	—
Dover	29 · 898	50 · 2	48 · 4	56 · 3	46 · 1	70	1886	23	1890	3 · 43	—	—
LONDON	29 · 907	47 · 5	45 · 9	56 · 6	42 · 7	80	1886	24	1890	2 · 82	70 · 1†	22†
Oxford	29 · 907	46 · 0	44 · 7	55 · 4	42 · 0	76	1886	22	1873	2 · 75	101 · 7	31
Cambridge	29 · 895	46 · 3	45 · 3	56 · 4	40 · 9	80	1886	23	1895	2 · 41	104 · 4	32
Yarmouth	29 · 874	49 · 1	47 · 6	54 · 3	44 · 6	68	1876	27	1895	3 · 11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 29.9 ins. and upwards in the W. of Ireland and also over Portugal and the extreme SW. of France.
Lowest 29.0 ins. and less in a well marked depression over the N. of Scandinavia; 29.6 ins. and less in a shallow system over the NW. of France.
Gradients slight generally, but moderate over the northern parts of Scandinavia.
Barometer rising at all stations.

TEMPERATURE

Highest 58° at Lisbon, 53° at Biarritz, 50° at Rochefort, 48° at Scilly and Lorient, 47° at Lyons, and 46° at Berlin and Nice.
Lowest (1) 32° at Parsonstown, 34° at Stornoway and Loughborough, and 35° at York and Oxford; (2) 34° at Haparanda, and 36° at Bodö.
Frost occurred last night in several parts of the United Kingdom, the thermometer on the grass falling to 24° at Oxford and 27° at Loughborough.

WIND

Moderate to fresh from the N^wd. on our western and northern coasts; light from the NW^wd. in the east and southeast of England.
Light from the W^wd. over the Bay of Biscay, and from the SW^wd. or S^wd. over central France, Germany, Denmark and the Netherlands.
Moderate to strong from the NW^wd. in the W. of Norway, and from the SW^wd. in Sweden.

WEATHER

Fair or fine over the greater part of our Islands, but rain reported at Shields and passing showers at Malin Head. Fine in Sweden and Denmark, as well as in the extreme S. of France; cloudy in other parts of western Europe, with rain in several isolated places.
Rain fell yesterday in most parts of our area, the largest amounts being 1.1 ins. at Haparanda, 0.8 in. at Brussels, and 0.7 in. at Aberdeen. Thunder and lightning occurred at several of our more western and southern stations.

SEA

Rather rough off the NE. of Scotland, as well as at Christiansund and Biarritz, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

An anticyclone appears to be spreading over our W^rn. coasts, and improving weather seems likely over the United Kingdom generally. Local showers are, however, still probable in the N^rn. and E^rn. districts.

FORECASTS

For the 24 hours ending at NOON on 23rd. OCTOBER, 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	N^ly. winds, moderate or fresh; changeable, some cold showers.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Same as No. 5.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	NW^ly. and N^ly. winds, light; fair generally, but perhaps local showers.
6 SCOTLAND WEST	N^ly. winds, fresh; fair generally.
7 ENGLAND N.W.	
8 ENGLAND S.W.	
9 IRELAND NORTH	
10 IRELAND SOUTH	
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes	29.34	49	45	SSE	4	c	2
Sumburgh Head	29.39	37	37	N	4	rs p	6
Stornoway	29.68	41	40	NE	6	s	6
Aberdeen	29.50	42	39	NW	3	cp	5
Shields	29.47	43	42	WNW	2	r	2
Ardrossan	29.53	48	46	N	2	c	1
Malin Head	29.60	48	42	N	5	c	4
Belmullet	29.68	45	41	NNE	5	o	*
Holyhead	29.53	45	42	NE	2	cp	1
Valencia	29.60	48	43	NNE	5	c	4
Scilly	29.42	49	46	NNW	4	cp	3
Jersey	29.41	52	49	NW	1	ugp	1
Hurst Castle	29.41	52	48	NE	4	cm	2
Dungeness	29.38	49	47	N	3	bc	2
North Foreland	29.40	51	47	NW	2	bc	2
London (Westminster)	29.43	49	45	NNW	2	b	*
Yarmouth	29.43	50	46	NNE	2	b	3
Rochefort	29.56	53	50	W	3	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fair or fine over the greater part of England and the south of Ireland, as well as over the Netherlands, Germany and the extreme south of France, cloudy or dull in nearly all other parts of Europe, with showers at some of our own northern stations, and with steady rain over Sweden and the neighbouring parts of Russia, as well as in many parts of France and Italy. Rain falling later in W^rn Europe generally,—heavily in places. Thunder and lightning occurring at several of our own W^rn and S^rn stations.

Temperature fallen in most places. Morning readings highest 73° at Athens, 71° at Brindisi, and 66° at Lesina, above 60° at most of the Mediterranean and Adriatic stations. Lowest (1) 32° at Parsonstown, and 34° at Cambridge, (2) 34° at Munich, (3) 35° at Haparanda, 37° at Ulcabong, and 39° at Archangel. Daily maxima below 45° in the N. of Scotland, but slightly above 50° at some of our central and southern stations; exceeding 55° in the W. and S. of France, and reaching 63° at Perpignan. Frost occurring at night in many parts of our Islands.

Wind light to fresh from the N^rn or NE^rn on our western and northern coasts, light from W. or NW. in the east and southeast of England, and fresh to strong from the same quarters over the Bay of Biscay and the Spanish Peninsula. S^rly (SE to SW) over Italy and all the more central and eastern parts of Europe. Strong to a gale from the W^rn over the Baltic and S. of Sweden, but light or moderate from E. or NE. over the northern parts of Scandinavia. Subsequently veering to the N^rn in the SE. of England; no important change occurring elsewhere.

Barometer 30.1 ins. and upwards in an anticyclone lying to the south of Spain; 30.0 ins. and upwards in another system over Russia. Lowest 29.0 ins. and less in a well marked depression over the southern part of the Gulf of Bothnia, 29.4 ins. and less in a shallow disturbance over the SW. of England and the NW. of France. Northern depression subsequently moving northwards, barometer rising over W^rn Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Friday 23rd Oct. 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.14	33	W	2	s	29.47	+ .53	30	30	− 4	S	2	b	*	s	*	41	30	0.04
	Hernösand ...	29.39	40	SW	4	o	29.62	+ .33	38	36	− 1	L	o	c	*	o	*	46	36	—
	Stockholm ...	29.63	39	SW	2	b	29.73	+ .17	35	34	− 4	NW	2	f	*	b	*	45	35	—
	Wisby	29.68	45	SW	4	c	29.75	+ .13	41	40	− 3	SW	4	c	*	c	*	48	41	—
	Karlstad ...	29.67	39	WNW	2	r	29.69	+ .15	37	37	0	NNW	2	r	*	r	*	*	*	0.28
	Bodö	29.37	41	N	6	o	29.58	+ .57	36	31	0	N	4	bc	2	o	*	43	34	0.08
	Christiansund ...	29.70	40	N	5	r	29.73	+ .21	37	36	− 5	SE	3	c	4	r	*	43	32	0.71
	Skudesnaes ...	29.66	41	N	4	b	29.73	+ .21	36	34	− 4	N	2	bc	1	b	*	47	36	*
	Færder (Christiania Fjord)	29.60	42	N	2	o	29.67	+ .14	40	39	0	N	3	o	2	o	*	43	40	0.32
	Skagen (The Scaw)	29.58	47	NNW	1	b	29.68	+ .13	44	42	− 1	WNW	1	o	0	b	*	50	41	—
	Fanö	29.63	45	SW	1	b	29.71	+ .19	45	43	+ 4	WSW	2	b	*	b	*	50	41	—
BRITISH ISLANDS.	Sumburgh Head	29.78	37	N	2	bc	29.80	+ .11	38	34	+ 1	N	1	o	3	b, bc	*	41	35	—
	Stornoway ...	29.93	37	WNW	3	o	29.89	+ .04	36	36	+ 2	W	3	c	3	c, o	5.5	42	32	—
	Wick	29.83	35	NNW	3	bc	29.83	+ .09	32	31	− 7	N	2	bc	2	bc	*	43	29	0.01
	Nairn	29.87	38	NW	2	c	29.89	+ .12	34	32	− 5	L	o	b	1	c	*	44	25	—
	Aberdeen ...	29.85	36	NW	3	b	29.89	+ .17	35	33	− 4	W	2	b	3	p, bq, b	5.9	43	32	0.02
	Leith	29.85	41	NW	2	b	29.92	+ .19	32	30	− 7	WNW	1	bm	*	b	*	47	30	—
	Shields	29.78	43	N	3	cp	29.92	+ .29	34	32	− 2	SW	2	bm	3	r, cp	*	45	30	0.43
	Spurn Head ...	29.70	46	NW	4	c	29.89	+ .27	40	39	− 1	NW	4	c	4	p, c	*	46	39	0.03
	York	29.79	43	NW	1	cp	29.94	+ .28	34	33	− 1	WNW	1	b	*	cp	2.6	44	33	0.10
	Loughborough ...	29.77	41	NW	2	o	29.96	+ .27	29	29	− 5	WNW	1	bm	*	bc, c, o, b	*	49	29	—
	Ardrossan ...	29.86	38	N	1	bm	29.93	+ .14	33	33	− 9	ENE	2	bq	1	bm	*	48	29	—
	Malin Head ...	29.91	42	NNW	5	chq	29.94	+ .09	40	40	− 3	N	4	chq	2	bc, chq	*	43	39	0.05
	Belmullet ...	29.96	41	ENE	4	cp	29.99	+ .05	40	39	− 3	SSE	2	o	*	cp	*	46	39	0.13
	Donaghadee ...	29.89	43	NW	3	bc	29.96	+ .17	38	37	− 6	W	3	bc	2	bc	*	48	37	—
	Liverpool (Bidston)	29.84	41	NW	2	bc	29.95	+ .23	38	36	0	L	o	o	1	r, bc	*	43	37	0.12
	Holyhead ...	29.86	45	NNE	4	bc	29.95	+ .20	44	40	0	N	2	c	1	cphr, bc	*	46	39	0.06
	Parsonstown ...	29.93	39	N	1	b	30.04	+ .13	28	28	− 4	L	o	c	*	b	7.6	47	25	—
	Valencia ...	29.98	43	L	o	r	30.07	+ .11	36	35	− 7	ENE	1	o	2	bcpq, r	3.5	48	32	0.32
	Roche's Point ..	29.95	45	N	4	c	30.04	+ .15	36	34	− 3	NW	2	bw	3	c	*	49	34	—
	Pembroke (St. Ann's Hd.)	29.85	43	NE	3	bc	29.98	+ .23	43	42	− 1	NE	1	o	2	bc	2.4	45	39	0.07
	Scilly	29.83	47	N	5	chq	29.97	+ .27	47	44	− 1	NE	3	cp	2	c, chq, b	4.5	49	43	0.15
	Prawle Point ..	29.81	39	NNW	2	o	29.98	+ .29	39	38	0	N	3	c	2	o, p	*	45	34	0.02
	Jersey (St. Aubin's)	29.74	49	NNE	3	bcm	29.92	+ .31	45	42	− 4	NW	3	bcm	3	p, bcm, bh	*	51	43	0.22
	Hurst Castle ...	29.75	43	N	2	o	29.93	+ .27	42	41	+ 3	NE	2	cm	2	cm, cm	*	49	35	—
	Dungeness ...	29.70	44	NNW	2	c	29.88	+ .27	41	40	+ 2	NNW	3	cf	2	c	*	47	32	—
	North Foreland	29.72	46	NW	3	o	29.92	+ .29	44	42	+ 1	NW	3	c	2	o	*	50	41	—
	London (Brixton) ..	29.76	41	N	1	bm	29.93	+ .26	40	39	+ 1	NNW	1	bm	*	p, bm	1.2	47	36	—
	Oxford	29.82	36	NNW	2	b	29.95	+ .25	37	36	+ 2	N	1	bm	*	bm	*	48	35	—
	Cambridge ...	29.77	38	NNW	1	bm	29.95	+ .28	38	37	− 1	NNW	1	o	*	bm	4.9	48	34	—
	Yarmouth ..	29.68	44	NW	2	bc	29.85	+ .26	44	42	+ 3	NNW	2	bc	4	cp, bc	*	48	35	0.06
GERMANY & HOLLAND.	Cuxhaven ...	29.60	45	SW	1	b	29.75	+ .23	41	40	+ 2	SSW	1	bm	*	p, o	*	48	37	0.04
	Berlin	29.72	46	SW	3	o	29.78	+ .11	44	43	− 2	WNW	3	b	*	o	*	54	43	—
	Wiesbaden ...	*	*	*	*	*	29.85	+ .16	42	41	− 3	SW	1	o	*	*	*	50	39	0.08
	Munich	29.79	42	SW	2	bc	29.82	− .03	43	42	0	W	1	o	*	bc	*	52	41	0.04
	The Helder ...	29.67	44	SSE	1	c	29.76	+ .19	42	41	+ 2	SE	1	bc	2	c	*	48	39	0.16
BELGIUM.	Brussels ...	*	*	*	*	*	29.87	+ .24	37	37	− 6	L	o	f	*	o	*	48	35	0.28
	Cape Gris Nez ...	29.67	46	NNE	3	c	29.82	+ .26	45	44	+ 1	NE	2	c	2	c	*	48	39	—
	Paris	29.73	45	SSW	1	o	29.83	+ .19	41	41	0	N	1	f	*	o	*	51	40	—
	Brest	29.75	45	NNE	3	c	29.98	+ .34	44	42	− 2	NNE	1	c	3	c	*	54	39	—
	Lorient	29.67	50	N	5	o	29.84	+ .30	46	44	− 2	?	?	o	3	o	*	52	43	—
FRANCE	Rochefort ...	29.71	54	WNW	5	b	29.82	+ .19	43	43	− 7	NNE	4	m	*	c, b	*	59	39	—
	Belfort	29.78	43	WSW	5	o	29.81	+ .12	37	37	− 7	L	o	r	*	r	*	48	34	1.26
	Lyons	29.80	47	E	1	r	29.82	+ .07	42	42	− 5	N	1	r	*	r, bh	*	57	40	0.55
	Nice	29.91	56	E	1	r	29.72	− .21	52	52	+ 6	SW	2	r	? 4	r	*	58	?	0.75
	Perpignan ...	29.75	57	NW	2	bc	29.79	+ .03	48	43	+ 5	WNW	2	o	*	bc	*	72	43	—
	Biarritz ...	29.78	54	W	3	o	29.84	+ .15	61	49	− 2	WSW	6	bh	4	o	*	55	48	0.98
PENINSULA.	Corunna ...																*			
	Lisbon	30.00	52	NNE	4	b	30.13	+ .21	52	46	− 6	NE	3	b	*	b	*	61	50	0.39
	Azores (P. Delgada)	?	?	?	?	?	30.05	+ .13	65	59	+ 2	E	5	c	6	c	*	68	61	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

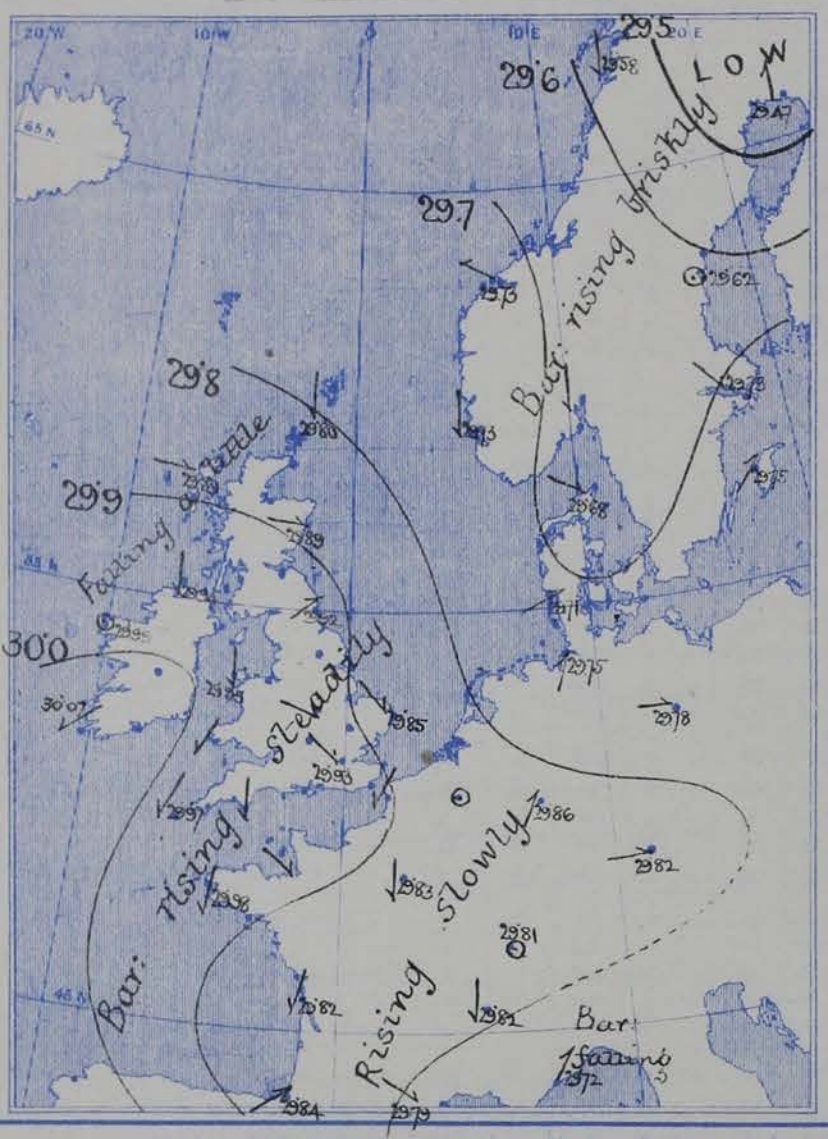
Bright Sunshine yesterday Southport 1.4 hrs; Eastbourne 3.3 hrs; Hastings 3.9 hrs; Brighton 1.4 hrs.

WEATHER CHARTS

FOR Friday, 23rd October, 1896.

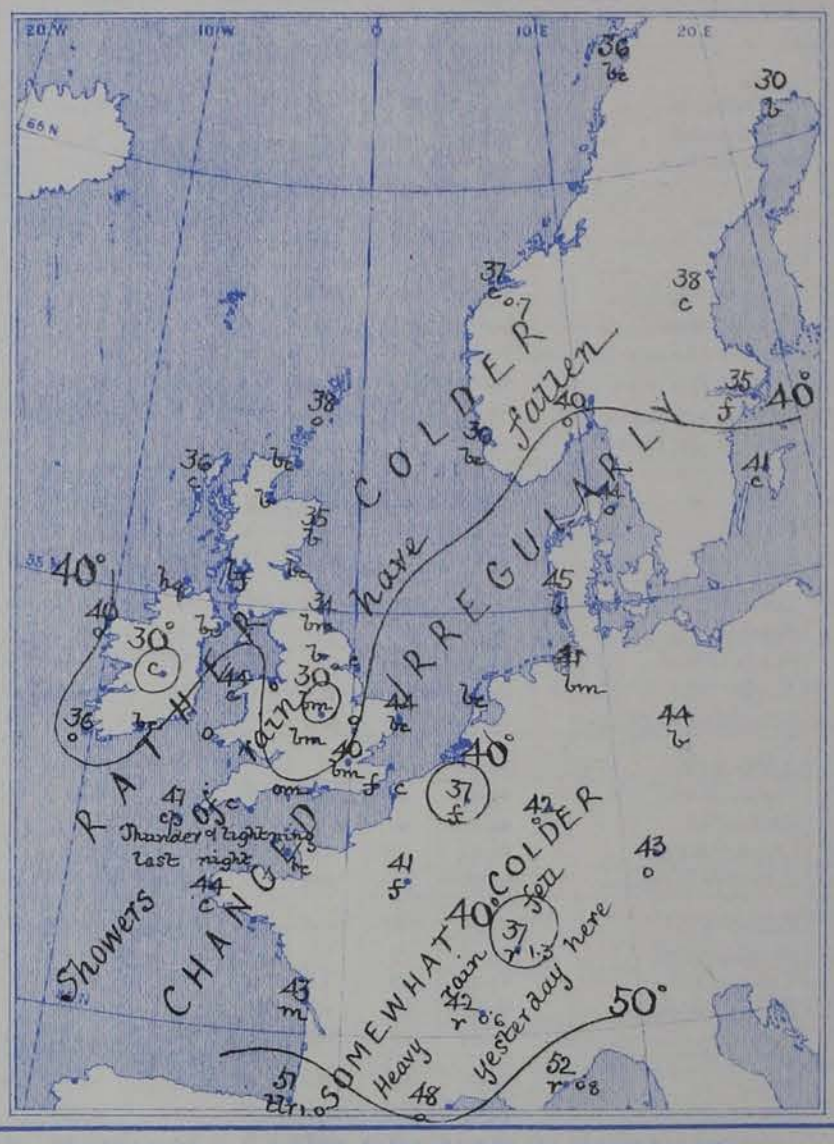
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ▤ : *High* ▩



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	69*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards in Portugal, 30.0 ins. and upwards over the south of Ireland.
Lowest 29.5 ins. and less in a shallow depression over Lapland.
Gradients slight. Barometer rising generally, but falling a little on our extreme N. and NW. coasts.

TEMPERATURE

Highest 52° at Nice and Lisbon, 51° at Biarritz, 48° at Perpignan, 47° at Scilly, and 46° at Lorient.
Lowest (1) 28° at Parsonstown, 29° at Loughborough, 32° at Wick and Leith, and 33° at Aberdeen; (2) 30° at Haparanda, and 35° at Stockholm.
Frost occurred last night in many parts of the United Kingdom, the lowest reading reported being:- (1) In the screen 25° at Nairn and Parsonstown, and 29° at Wick, Loughborough and Aberdeen; (2) on the grass 22° at Loughborough.

WIND

Light from the W^ly. in Scotland, from the NW^ly. over the eastern parts of England, and from the N^ly. or NE^ly. over our southwest coasts, and the north of France.
W^ly. or SW^ly. over Denmark, Germany and the south of France.
N^ly. at the Norwegian stations, but variable or S^ly. in Sweden.

WEATHER

Fair or fine over NW^rn. Europe as a whole, but cloudy in places, with showers at one or two of our own western stations.
Dull and rainy over the southern parts of France with a thunderstorm at Biarritz. Rain was also falling at Karlsruhe.
Showers fell yesterday in many parts of the United Kingdom, and heavy rain at some of the Continental stations – the largest amounts being 1.3 ins. at Belfast, 1.0 in at Biarritz, and 0.8 in. at Nice. Thunder and lightning occurred last night at Jersey and Lyons, and lightning at Scilly.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fall of the barometer in the north seems to indicate the approach of depressions from the W^ly. or NW^ly. Unsettled weather is therefore probable over our N^rn. districts, but in the south the conditions will probably remain fair for the present.

FORECASTS

For the 24 hours ending at NOON on 24th. October 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	W^ly. to SW^ly. winds, moderate, fine at first, cloudy later, probably some rain.
2 ENGLAND N.E.	W^ly. winds, light, fair generally.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	NW^ly. winds, light, fair generally, frosty and foggy at night.
6 SCOTLAND WEST	Same as No^s. 0 and 1.
7 ENGLAND N.W.	Same as No. 2.
8 ENGLAND S.W.	N^ly. winds, light, fair generally.
9 IRELAND NORTH	SW^ly. winds, freshening, cloudy, some rain.
10 IRELAND SOUTH	NW^ly. to W^ly. winds, moderate, fair generally.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.59	47	42	NNE	6	bc	2
Sumburgh Head	29.75	40	36	N	2	b	4
Stornoway	29.89	42	41	N	4	c	4
Aberdeen	29.80	43	38	NW	4	bcq	5
Shields	29.72	44	42	N	5	c	4
Ardrossan	29.80	46	44	N	1	b	1
Malin Head ...	29.88	43	42	NNW	4	bc	4
Belmullet	29.95	42	41	N	1	o	*
Holyhead	29.81	46	41	N	4	cpmr	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.99	47	42	NNE	4	bcpq	4
Scilly	29.79	48	44	N	5	c	3
Jersey	29.70	51	47	N	3	bc	3
Hurst Castle ...	29.71	49	45	NNE	3	cm	2
Dungeness ...	29.66	47	44	NNW	3	c	2
North Foreland	29.68	48	45	NW	3	c	2
London (Westminster)	29.70	48	42	N	2	b	*
Yarmouth ...	29.65	47	44	NW	3	c	3
Rochefort ...	29.67	56	54	W	5	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fair or fine over the greater part of our Islands, but showery at some of the northern stations. Cloudy and unsettled in most of the Continental countries, with rain in many parts of Belgium, south Germany, France and the Spanish peninsula. Fine in Denmark and Sweden, as well as over southern Italy and the extreme south of France. Showers falling during day in many parts of the United Kingdom, and heavy rain at several of the Continental stations. Thunder and lightning occurring at Jersey and Lyons, and lightning seen at Scilly.

Temperature changed rather irregularly but fallen in most countries. Morning readings highest 75° at Malta, 71° at Constantinople, 70° at Sfax, and 68° at Athens; above 60° at the Mediterranean and Adriatic stations generally, and also in the extreme south of Russia. Lowest (1) 32° at Parsonstown and 34° at Stornoway and Loughborough (below 40° over the greater part of our Islands); (2) 34° at Hapsund and 36° at Bodö. Daily maxima below 45° at several of our N^rn. stations, and below 50° over the United Kingdom generally; thermometer exceeding 55° in the S. of France, and reaching 72° at Perpignan. Sharp frost occurring over our N^rn. and inland districts at night.

Wind moderate to fresh from the N^wd. on our western and northern coasts, light from the NW^wd. in the east and southeast of England. Light to moderate from the W^wd. over the Bay of Biscay and the Spanish peninsula and from the S^wd. or SW^wd. over central France, Italy, Germany, Denmark and the Netherlands. Strong from the SW^wd. in Sweden, but from the NW^wd. in the west of Norway. S^ly. or SE^ly. over the central and southern parts of Russia. Subsequently backing to the NW^wd. in Scotland, no important change occurring elsewhere.

Barometer highest 30.2 ins. and upwards in an anticyclone over Greece, southern Italy and the central parts of the Mediterranean. Lowest 29.0 ins. and less in a well marked depression over the N. of Scandinavia, 29.5 ins. and less in a shallow secondary system off the S. of Norway; 29.6 ins. and less in another shallow system over the NW. of France. No important change occurring over W^rn. Europe during day.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 24th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.64	28	NE	0	b	29.86	+.39	19	19	-11	NE	0	f	#	b	#	34	?	-
	Hernösand ...	29.81	30	NE	0	b	29.85	+.23	29	28	-9	NW	2	c	#	b	#	43	28	-
	Stockholm ...	29.83	34	NE	0	f	29.81	+.08	39	38	+4	NE	0	f	#	f	#	41	32	-
	Wisby	29.84	45	WNW	4	c	29.75	-.00	44	42	+3	ENE	5	c	#	c	#	46	36	-
	Karlstad ...	29.75	38	W	2	c	29.75	+.06	36	34	-1	NNW	2	b	#	c	#	#	#	0.39
	Bodö	29.67	33	SE	2	S	29.76	+.18	32	29	-4	NE	2	c	1	S	#	36	28	-
	Christiansund ...	29.74	37	NE	0	c	29.63	-.10	36	34	-1	ESE	3	bc	3	c	#	41	36	0.04
	Skudesnaes ...	29.74	40	NE	0	b	29.63	-.10	42	40	+6	SSE	7	c	4	c,b	#	45	36	#
	Færder (Christiania Fjord)	29.76	41	NE	0	c	29.72	+.05	44	42	+4	ESE	3	bc	2	c	#	44	40	0.04
	Skagen (The Scaw)	29.88	44	NSW	1	c	29.73	+.05	39	39	-5	WNW	1	b	0	c	#	45	36	-
	Fanö	29.76	41	NE	0	b	29.72	+.01	41	40	-4	SSE	2	b	#	b	#	50	39	0.28
BRITISH ISLANDS.	Sumburgh Head	29.62	40	S	2	O	29.14	-.66	42	41	+4	S	2	r	4	bc, o	#	47	38	0.23
	Stornoway ...	29.57	42	NSW	4	O	29.15	-.74	35	35	-1	NSW	4	o	4	c, o	0.5	44	33	0.48
	Wick	29.62	35	SW	2	o	29.16	-.67	40	39	+8	W	5	c	3	o, r	#	43	31	0.21
	Nairn	29.65	39	W	2	c	29.21	-.68	38	37	+4	NE	0	o	1	c	#	45	32	0.21
	Aberdeen ...	29.74	37	SW	2	bc	29.25	-.64	40	38	+5	NSW	2	ogp	4	b, bc	7.9	46	35	0.01
	Leith	29.78	39	WNW	1	o	29.27	-.65	44	42	+12	W	1	r	#	o, r	#	45	30	0.07
	Shields	29.84	39	W	2	bcm	29.39	-.53	39	39	+5	SW	3	o	2	c, m, r	#	43	33	0.01
	Spurn Head ...	29.87	43	W	3	c	29.49	-.40	41	40	+1	S	4	r	4	c, p	#	45	37	0.05
	York	29.85	41	WNW	1	o	29.46	-.48	40	39	+6	S	3	o	#	bc, o	6.6	48	33	0.05
	Loughborough ...	29.93	40	WSW	1	o	29.58	-.38	41	40	+12	SSW	4	o	#	bc, e, or	#	47	29	0.07
	Ardrossan ...	29.76	44	SW	3	o	29.31	-.62	42	42	+9	W	4	cp	3	c, ov	#	45	32	0.17
	Malin Head ...	29.70	41	S	5	o r m	29.35	-.59	41	38	+1	WNW	5	c h q	3	o, r v a	#	46	38	0.15
	Belmullet ...	29.76	40	WSW	5	o m	29.51	-.48	42	40	+2	NNW	5	or	#	o, o m	#	50	40	0.19
	Donaghadee ...	29.83	41	NSW	4	c	29.40	-.56	42	41	+4	W	4	c	2	c	#	45	37	0.03
	Liverpool (Bidston)	29.90	40	SW	2	o	29.48	-.47	46	45	+8	NSW	4	o	3	p, o	#	47	36	0.07
	Holyhead ...	29.89	42	W	2	o	29.50	-.45	48	45	+4	W	5	c m	4	c, o	#	50	38	0.13
	Parsonstown ...	29.87	41	SW	1	o	29.54	-.50	44	42	+16	W	2	o	#	c, o r	1.5	48	37	0.04
	Valencia ...	29.89	48	S	1	o p m	29.65	-.42	50	48	+14	W	5	o	5	m g, m p	0.6	50	35	0.12
	Roche's Point ..	29.95	45	W	3	o	29.64	-.40	48	47	+12	W	3	c	3	bc, o m	#	48	36	0.02
	Pembroke (St. Ann's Hd.)	29.94	45	NNW	3	c	29.58	-.40	52	51	+9	W	6	c	5	c	2.5	52	42	0.07
	Scilly	29.99	47	WNW	3	o	29.75	-.22	53	51	+6	W	5	o	4	c, o	3.3	53	42	0.02
	Prawle Point ...	29.98	44	NNW	2	o	29.72	-.26	51	50	+12	WSW	6	o p u	5	c, o p	#	53	39	0.95
	Jersey (St. Aubin's)	29.98	45	NNW	2	bcm	29.88	-.04	51	47	+6	SW	6	o g	5	bc, p	#	51	41	0.04
	Hurst Castle ...	29.94	45	NE	0	bcm	29.73	-.20	51	49	+9	SW	5	o p	3	c, b c m	#	51	?37	-
	Dungeness ...	29.91	44	NNW	2	b	29.76	-.12	47	45	+6	WSW	4	c p u	3	b	#	49	34	0.01
	North Foreland	29.95	45	NW	3	bc	29.78	-.14	44	42	0	SSW	2	c	2	bc	#	49	36	-
	London (Brixton) ...	29.95	37	NW	1	cm	29.70	-.23	45	41	+5	WSW	3	o	#	bc m, f, b	0.5	47	35	-
	Oxford	29.93	41	WSW	2	o	29.65	-.30	45	43	+8	SSW	4	c q, r	#	o, c q, r	#	51	37	0.01
	Cambridge ...	29.95	39	N	1	cm	29.68	-.27	42	40	+4	SSW	3	o	#	cm	3.1	47	36	-
	Yarmouth ...	29.88	43	W	2	c	29.69	-.16	41	39	-3	SW	4	c	3	c	#	47	38	-
GERMANY & HOLLAND.	Cuxhaven ...	29.77	43	SW	1	m	29.76	+.01	41	41	0	WSW	2	b	#	m, r	#	50	39	0.24
	Berlin	29.78	48	NE	2	o	29.83	+.05	42	42	-2	W	3	o	#	o	#	52	41	0.12
	Wiesbaden ...	*	*	*	*	*	29.95	+.10	42	39	0	W	2	bc	#	*	#	48	41	-
	Munich... ..	29.75	39	W	5	r	29.97	+.15	36	36	-7	W	5	r	#	o	#	48	34	0.16
	The Helder ...	29.85	46	NNW	4	b	29.76	-.00	46	43	+4	SW	3	c	1	b	#	48	41	-
BELGIUM.	Brussels ..	*	*	*	*	*	29.92	+.05	40	39	+3	SSW	2	o	#	o	#	53	34	-
	Cape Gris Nez...	29.88	47	NE	1	bc	29.78	-.04	47	44	+2	W	4	r	?	bc	#	50	?	-
	Paris	29.95	42	NW	2	bc	30.00	+.17	34	34	-7	SSW	2	bc	#	bc	#	50	31	0.08
	Brest	30.01	47	N	1	c	29.89	-.09	52	51	+8	SW	4	f	4	c	#	52	41	-
	Lorient... ...	30.08	51	N	3	bc	29.97	+.13	51	48	+5	WSW	5	c	3	bc	#	52	45	-
FRANCE &	Rochefort ...	29.95	49	NW	4	o	30.01	+.19	48	47	+5	S	3	o	#	c, o	#	54	43	-
	Belfort	29.84	39	WSW	1	r	30.01	+.20	36	36	-1	S	1	f	#	r	#	44	35	0.43
	Lyons	29.92	43	N	1	r	30.10	+.28	39	38	-3	NNW	1	c	#	r	#	?46	?	0.24
	Nice	29.71	52	SSW	2	bc	29.78	+.06	48	41	-4	E	8	b	4	bc	#	59	45	0.28
	Perpignan ...	29.98	50	NW	4	b	30.07	+.28	44	41	-4	NE	2	b	#	b	#	63	41	-
	Biarritz ...	30.03	53	NNW	6	r	30.08	+.24	49	46	-2	SE	3	r	3	t b r	#	55	46	0.83
PENINSULA.	Corunna ...																#			
	Lisbon	30.18	51	NNE	5	b	30.21	+.08	50	43	-2	NE	5	b	#	b	#	59	48	-
	Azores (P. Delgada)	30.04	66	ESE	5	o	29.98	-.07	65	63	0	ESE	5	r	7	o	#	68	63	0.08

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

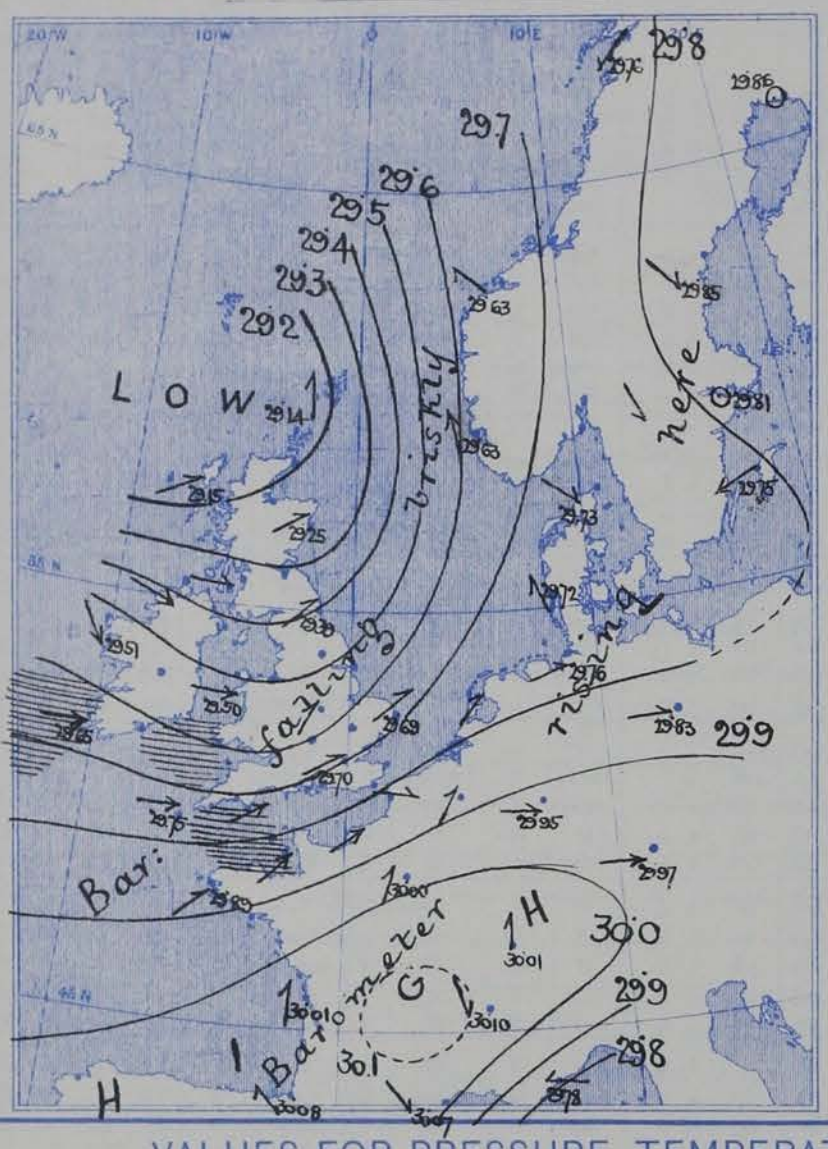
Bright Sunshine yesterday Southport 0.3 hrs; Eastbourne 5.5 hrs; Hastings 5.4 hrs, Brighton 4.6 hrs.

WEATHER CHARTS

FOR Saturday, 24th October, 1896.

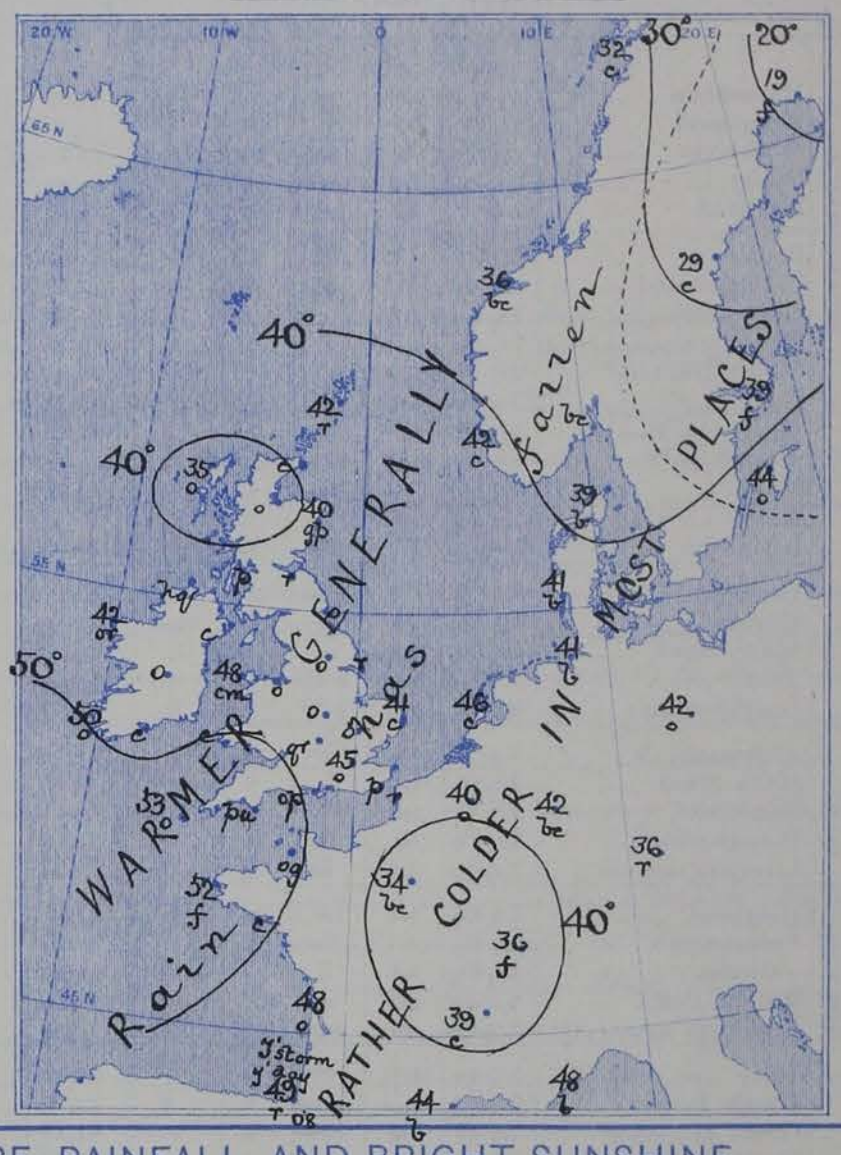
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·3	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·21 in. at Lisbon, 30·0 in. and upwards in an anticyclone covering the Spanish Peninsula and the greater part of France.
Lowest, 29·2 in. and less, in a depression lying off the north of Scotland.
Gradients moderate or slight generally, but steep over the northern part of the North Sea
Barometer falling in our Islands and the neighbouring parts of the Continent; briskly on our east coasts.

TEMPERATURE

Highest, 53° at Scilly, 52° at Pembroke and Brest, and 51° at Prawle Point, Jersey, Hunt Castle, and Lorient.
Lowest, (1) 19° at Haparanda, 29° at Hernösand, and 32° at Bodö; (2) 34° at Paris, and 36° at Belfort and Munich; (3) 35° at Stornoway and 38° at Nairn.
A considerable rise has taken place over our Islands, the change since yesterday amounting to 12° at Leith, Loughborough, and Prawle Point, and to 16° at Parsonstown.

WIND

Moderate to strong from the W^ward on our western and northern coasts, and from the SW^ward in the south and east of our Islands.
SE^ly on the eastern shores of the North Sea, and strong in force at Skudesnaes.
Calm in Sweden; light to fresh from the W^ward in Germany; E^ly or NE^ly in the south of France.

WEATHER

Dull and unsettled over our Islands, with steady rain or passing showers in many places; dull also in Germany and the west of France, with rain at Munich and Biarritz.
Fine in Norway, Denmark, and Central France; foggy at many of the Swedish stations.
Since yesterday morning rain has fallen in most part of our Islands, as well as at many of the Continental stations, the largest amounts being 0·8 in. at Biarritz [where a thunderstorm has occurred] and 0·5 in. at Stornoway. Lunar halos were seen last night at Aberdeen and Jersey.

SEA

Rough rather on our southwest coasts, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north is likely to move away to the northward or northeastward, but small secondary systems are advancing across our Islands, so that mild unsettled weather will probably continue in most districts.

FORECASTS

For the 24 hours ending at NOON on 25th Octr 1896.

DISTRICTS.	FORECASTS.
↑ 0 SCOTLAND NORTH ↑ 1 SCOTLAND EAST	W^ly winds, strong in places; unsettled, some rain.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	SW^ly winds, fresh or strong; squally, rain at times.
↑ 6 SCOTLAND WEST ↑ 7 ENGLAND N.W.	W^ly to NW^ly winds, strong; squally showery.
8 ENGLAND S.W.	W^ly winds, strong; squally, showery.
↑ 9 IRELAND NORTH	NW^ly winds, strong, a gale in places; squally, showery.
↑ 10 IRELAND SOUTH	Same as No 8.
WARNINGS	At 7·10 pm yesterday to districts 0, 6, 7, 9, 10 and part of 1 "Hoist South Cone".

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·77	45	40	NNW	2	c	2
Sumburgh Head	29·73	44	39	W	1	bc	3
Stornoway	29·74	43	42	WSW	3	o	3
Aberdeen	29·81	45	39	W	1	b	2
Shields	29·88	42	37	SW	2	c	2
Ardrossan	29·82	43	43	SSW	2	cv	2
Malin Head ...	29·83	43	41	S	4	o	2
Belmullet	29·87	48	46	SW	4	o	*
Holyhead	29·93	45	40	NW	2	c	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·99	47	44	SSW	2	ogm	3
Scilly	30·00	49	45	NW	3	c	2
Jersey	29·96	51	46	NNE	3	c	3
Hurst Castle ...	29·94	50	45	NE	1	c	1
Dungeness ...	29·90	48	44	NNE	3	b	2
North Foreland	29·93	48	44	NW	3	bc	3
London (Westminster)	29·93	48	42	NNW	1	c	*
Yarmouth ...	29·87	46	42	NNW	3	c	4
Rochefort ...	29·87	50	48	NNE	4	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fair or fine over northwestern Europe as a whole, but showery at a few of our own western stations, dull and unsettled over the central, southern, and eastern parts of the Continent generally, with rain over northern Italy and the south and east of France, as well as at Archangel and Nieuwe Pekelharing; thunderstorm reported at Biarritz. Fine over the Spanish Peninsula and the south of Italy. Rain setting in later over the west and north of our Islands, and spreading eastwards during the night.

Temperature fallen in most countries, but risen in Italy and also in North Germany. Morning readings highest 73° at Malta, 70° at Brindisi and 69° at Constantinople; above 60° at the Mediterranean and Adriatic stations generally. Lowest, (1) 28° at Parsonstown, and 29° at Loughborough; (2) 30° at Haparanda and 34° at Uleaborg; (3) 36° at Madrid. Daily maxima below 45° at several of our own northern stations, below 50° in all but the extreme southern parts of the Kingdom, thermometer exceeding 55° in the south of France and reaching 63° at Perpignan.

Wind light from the W^ly in Scotland, from the NW^ly in the east of England, and from the N^ly or NE^ly over our southwest coasts, the Bay of Biscay, and Portugal. W^ly or SW^ly over the south of France and also over Germany and Denmark. S^ly (SE to SW) over Italy, Austria and Russia; N^ly in the south of Scandinavia. Subsequently backing to the S^ly or SW^ly on our western and northern coasts, and increasing considerably in force.

Barometer highest 30·2 in. and upwards, in an anticyclone lying off the Portuguese coasts, and also in another system over the Black Sea and Asia Minor. Lowest 29·5 in. and less in a large shallow area over the northern parts of Sweden and Russia; 29·7 in. and less, in a small depression over the south of France. New disturbance approaching our northern coasts later from the westward and barometer falling briskly in Ireland and Scotland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 28th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	29.89	24	2	0	0	29.82	-.04	23	23	+ 4	2	0	0	*	0	*	28	18	—
	Hernösand ...	29.74	39	S	4	0	29.80	-.05	34	33	+ 5	SW	2	bc	*	0	*	39	25	0.32
	Stockholm ...	29.77	36	2	0	b	29.89	+.08	36	36	— 3	2	0	0	*	b	*	41	32	—
	Wisby	29.79	44	NE	4	0	29.92	+.17	40	39	— 4	SSE	4	b	*	0	*	48	37	—
	Karlstad ...	29.74	42	SW	2	r	29.75	.00	41	39	+ 5	ESE	4	0	*	r	*	*	*	—
	Bodö	29.75	32	E	2	0	29.70	-.06	30	26	— 2	E	2	b	1	0	*	34	28	—
	Christiansund ...	29.63	36	2	0	b	29.55	-.08	35	31	— 1	ESE	2	b	2	b	*	41	34	—
	Skudesnaes ...	29.41	36	SSE	6	0	29.28	-.35	48	46	+ 6	SSE	8	0	5	0	*	48	36	*
	Faerder (Christiania Fjord)	29.66	45	SSE	3	c	29.56	-.16	45	44	+ 1	ESE	7	r	5	c	*	46	44	0.20
	Skagen (The Scaw)	29.69	35	SW	3	0	29.55	-.18	47	46	+ 8	S	8	r	3	0	*	46	37	0.24
	Fanö	29.56	45	SSW	7	r	29.41	-.31	45	44	+ 4	SSE	7	r	*	r	*	48	41	0.35
BRITISH ISLANDS	Sumburgh Head	29.12	41	2	0	r	29.11	-.03	43	42	+ 1	NE	6	r	6	r	*	45	39	0.79
	Stornoway ...	29.15	35	W	2	0	29.31	+.16	34	34	— 1	N	3	0	3	0	2.9	41	30	0.17
	Wick	29.17	32	2	0	bc	29.16	.00	35	34	— 5	NW	3	mw	2	bc,sp	*	44	25	0.10
	Nairn	29.18	32	W	1	b	29.26	+.05	28	27	— 10	2	0	c	1	b	*	44	19	—
	Aberdeen ...	29.20	38	WSW	1	b	29.23	-.02	34	32	— 6	W	1	b	2	b	2.6	42	29	0.11
	Leith	29.22	36	W	2	b	29.21	-.06	37	36	— 7	NE	2	c	*	b	*	45	29	—
	Shields	29.29	41	2	0	cm	29.17	-.22	38	37	— 1	S	2	c	2	r,cm	*	47	32	—
	Spurn Head ...	29.33	43	SW	3	0	29.18	-.31	39	39	— 2	S	4	op	3	op,bl,b	*	48	36	0.22
	York	29.32	40	SSW	1	0	29.18	-.28	36	36	— 4	S	1	0	*	0	0.0	49	33	0.03
	Loughborough ...	29.40	42	SW	1	0	29.20	-.38	37	36	— 4	SW	2	b	*	cp,b,op	*	53	33	0.13
	Ardrossan ...	29.30	40	2	0	op	29.19	-.12	35	34	— 7	NNE	2	c	1	cpr	*	45	33	0.15
	Malin Head ...	29.05	39	S	6	0	29.21	-.14	39	37	— 2	W	1	op	0	orq	*	42	34	0.16
	Belmullet ...	29.23	45	WNW	8	0	29.29	-.22	46	44	+ 4	N	9	0	*	c,opq	*	57	36	0.43
	Donaghadee ...	29.15	36	SW	3	bc	29.16	-.24	42	40	0	NNE	6	c	4	bc	*	46	33	0.10
	Liverpool (Bidston)	29.35	40	WSW	2	bc	29.11	-.37	39	37	— 7	SW	3	b	3	pbc	*	48	35	0.17
	Holyhead ...	29.37	42	WNW	5	c	29.11	-.39	42	40	— 6	NW	6	cq	6	hpq,c	*	48	36	0.15
	Parsonstown ...	29.35	38	NW	2	b	29.33	-.21	37	36	— 7	W	1	0	*	b	4.0	46	34	0.32
	Valencia ...	29.37	45	W	6	c	29.33	-.12	48	44	— 3	WNW	7	cq	6	bqr,c,bl	1.5	50	42	0.33
	Roche's Point ...	29.54	42	WNW	4	b	29.42	-.22	43	42	— 5	WNW	4	bc	4	b, hrq	*	50	39	0.15
	Pembroke (St. Ann's Hd.)	29.48	47	NW	6	c	29.21	-.37	45	45	— 7	NW	7	0	6	c,q	0.2	52	38	0.33
	Scilly	29.58	50	W	5	0	29.50	-.25	48	46	— 5	WNW	8	chq	4	wp,hq	0.3	54	44	0.21
	Prawle Point ...	29.52	45	WNW	6	0	29.43	-.29	48	43	— 3	WNW	6	cpq	5	opq	*	52	42	0.12
	Jersey (St. Anoin's)	29.67	54	WSW	6	op	29.56	-.32	51	47	0	W	7	bqr	6	op,ohr	*	55	47	0.19
	Hurst Castle ...	29.57	53	SW	5	ow	29.38	-.35	47	44	— 4	WSW	6	bc	4	r,ow	*	54	43	0.18
	Dungeness ...	29.47	53	SW	7	opq	29.39	-.37	47	45	0	WSW	8	rq	7	r,opq	*	54	42	0.45
	North Foreland	29.51	52	SSW	4	opq	29.37	-.41	42	41	— 2	W	4	r	2	c,opq,2	*	52	40	[illegible]
	London (Brixton) ...	29.47	48	WSW	4	0	29.32	-.38	44	41	— 1	WSW	3	c	*	or,bl,rq	0.0	52	37	0.20
	Oxford	29.44	44	WSW	2	0	29.28	-.37	41	39	— 4	SW	2	bc	*	op	*	52	37	0.30
	Cambridge ...	29.42	46	SW	3	bc	29.25	-.43	41	40	— 1	SW	3	0	*	bc	0.0	51	35	0.08
	Yarmouth ...	29.39	49	SSW	5	opq	29.29	-.40	43	40	+ 2	SSW	4	c	4	0	*	50	37	0.11
GERMANY & HOLLAND	Cuxhaven ...	29.70	43	S	4	0	29.50	-.26	45	44	+ 4	S	5	0	*	0	*	46	41	—
	Berlin	29.91	40	S	2	b	29.91	+.08	38	36	— 4	SSW	4	b	*	b	*	48	36	—
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich... ..	30.10	35	SW	4	b	30.01	+.04	30	30	— 6	SE	1	b	*	b	*	41	28	0.04
	The Helder ...	29.49	45	SSW	6	r	29.21	-.55	48	45	+ 2	SW	3	c	2	r	*	48	45	0.79
BELGIUM	Brussels ...	*	*	*	*	*	29.54	-.38	41	41	+ 1	SSE	4	r	*	0	*	49	42	0.28
	Cape Gris Nez...	29.52	50	SW	6	r	29.39	-.39	49	43	+ 2	W	5	c	5	r	*	50	43	1.50
	Paris	29.86	47	S	3	0	29.63	-.37	44	44	+ 10	SW	3	r	*	0	*	49	34	0.20
	Brest	29.71	53	W	5	0	29.66	-.23	49	46	— 3	W	5	c	5	0	*	52	45	0.32
	Lorient	29.72	53	WSW	6	0	?	?	49	47	— 2	NW	6	0	6	0	*	55	43	[illegible]
FRANCE &	Rochefort ...	29.95	54	W	4	c	29.82	-.19	55	55	+ 7	WNW	6	r	*	c	*	57	48	0.28
	Belfort	30.06	37	2	0	mw	29.91	-.10	38	35	+ 2	2	0	bc	*	mw	*	49	32	—
	Lyons	30.12	41	S	1	b	30.01	-.09	37	36	— 2	S	1	b	*	b	*	51	35	—
	Nice	29.99	50	2	0	b	30.06	+.28	44	41	— 4	E	3	b	2	b	*	57	41	—
	Perpignan ...	30.12	52	NW	2	b	30.08	+.01	38	37	— 6	SSW	1	b	*	b	*	61	36	—
	Biarritz ...	30.08	55	WSW	4	0	29.96	-.12	54	47	+ 5	SSW	5	b	3	0	*	57	49	0.08
PENINSULA	Corunna ...	30.18	57	W	3	bc	30.04	-.19	52	52	+ 2	NW	1	f	3	bc	*	57	48	0.04
	Lisbon	30.16	53	NNE	4	b	30.13	-.08	50	47	0	NNE	3	b	*	b	*	63	48	—
	Azores (P. Delgada)	29.95	64	E	5	r	29.95	-.03	64	62	— 1	ENE	3	c	6	r	*	66	63	0.04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

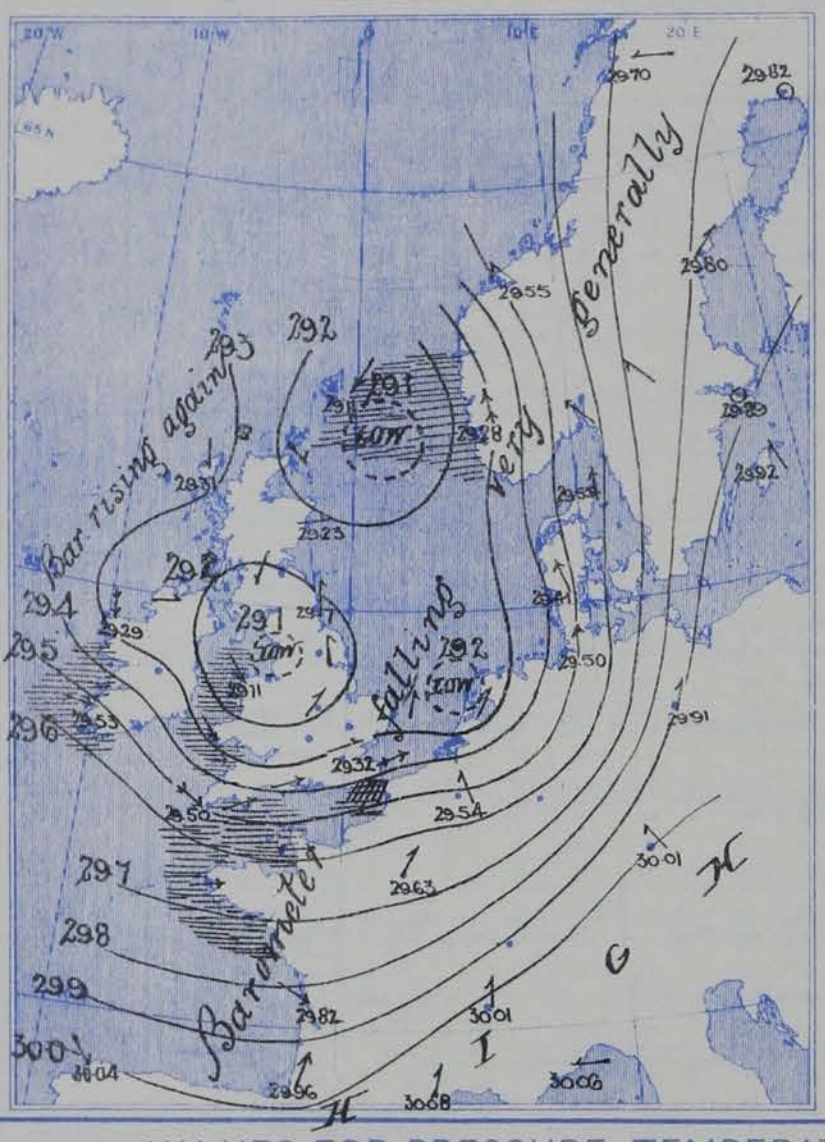
Bright Sunshine yesterday Southport 0.5 hrs; Eastbourne 0.0 hrs; Hastings, Not reported; Brighton 0.0 hrs.

WEATHER CHARTS

FOR SUNDAY, 25TH OCTOBER, 1896.

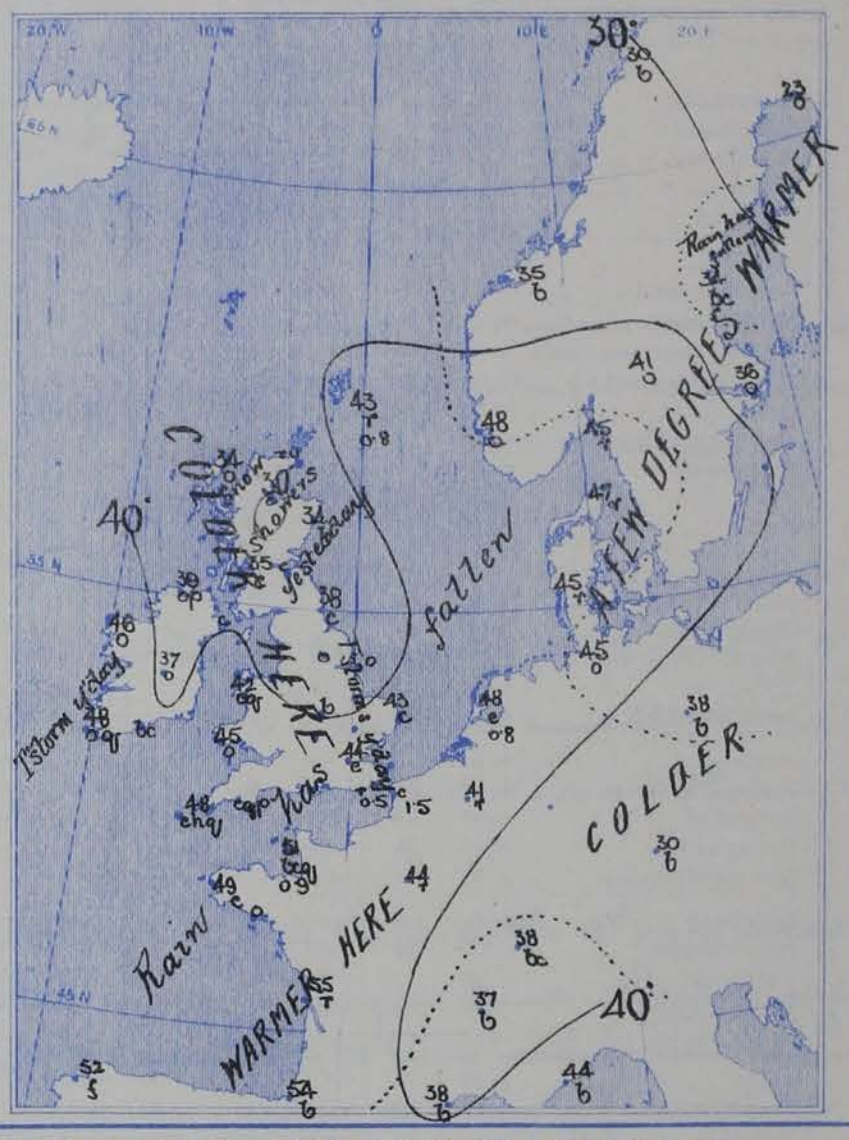
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 : *Force 5 to 7* ; *Force 8 to 10* : *Force 1 to 4* ; Calm ⊙
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·3	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in: and upwards, in the south of Portugal; 30·0 in: and upwards over the southern parts of France and Germany.
Lowest, 29·1 in: and less, in a small depression lying near the Shetlands and also in another disturbance over the Irish Sea.
Gradients moderate to rather steep generally, but slight over the northern parts of our Islands and also over the south of France.
Barometer falling generally, but rising a little on our extreme northwest coasts and also in Sweden.

TEMPERATURE

Highest, (1) 55° at Rockfort, 54° at Biarritz, 52° at Corunna, and 51° at Jersey; (2) 48° at Skudesnaes, and 47° at Skagen.
Lowest, (1) 23° at Haparanda, 30° at Röro, and 34° at Hernösand; (2) 28° at Nairn, and 34° at Stornoway and Aberdeen; (3) 30° at Munich and 37° at Lyons.
Frost occurred last night at many of our northern and central stations, the thermometer in the screen falling to 19° at Nairn and 25° at Wick.

WIND

Strong to a gale from the NW° or N° on our western coasts and from the W° in the English Channel.
Light to moderate from the S° over Central France, the Netherlands, and the east of England; strong to a gale from the same quarter or from SE. on the eastern shores of the North Sea.
Strong from the W° or NW° over the Bay of Biscay, light from the N° or NW° on the Portuguese coasts.

WEATHER

Very changeable over Northwestern Europe generally, with steady rain or passing showers in many places.
Fair at many of the Scandinavian stations and also in Germany and the south of France.
Rain fell yesterday in most parts of our area; the largest amounts being 1·5 in: at Cape Gris Nez, 0·9 in: at Jersey, and 0·8 in: at Scarborough Hd. Thunder and lightning occurred at several of our southern and eastern stations.

SEA

High at Dungeness, and rough or rather so on our west and south coasts generally as well as in the northern part of the North Sea.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 26th OCT: 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
↓ 0 SCOTLAND NORTH	NONE ISSUED	↓ 6 SCOTLAND WEST	NONE ISSUED.
↓ 1 SCOTLAND EAST		↓ 7 ENGLAND N.W.	
2 ENGLAND N.E.		↓ 8 ENGLAND S.W.	
↓ 3 ENGLAND EAST		↓ 9 IRELAND NORTH	
4 MIDLAND COUNTIES		↓ 10 IRELAND SOUTH	
↓ 5 ENGLAND SOUTH		WARNINGS	At 7.0 pm yesterday to districts 3.5. and 8 "Hoist South Cone". The signals are now flying in all districts excepting 2.

Note.—The **South Cone**, *point downwards* (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnses ...							
Sumburgh Head	29.17	43	42	S	1	o	3
Stornoway	29.13	41	40	WSW	3	c	3
Aberdeen	29.21	42	38	SE	2	b	3
Shields	29.28	45	43	SW	2	c	2
Ardrossan	29.26	42	41	SSW	3	ep	3
Malin Head ...	29.22	41	38	W	5	ohq	3
Belmullet	29.41	43	39	WNW	6	c	*
Holyhead	29.40	44	41	WNW	6	cpq	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.62	46	42	WNW	6	bpq	6
Scilly	29.65	52	49	W	5	cp	4
Jersey	29.74	54	53	WSW	7	ow	5
Hurst Castle ...	29.59	53	52	WSW	6	p	4
Dungeness ...	29.56	51	51	SSW	8	r	7
North Foreland	29.60	50	48	SSW	4	r	4
London (Westminster)	29.52	54	50	SW	2	o	*
Yarmouth ...	29.48	49	47	SW	4	or	4
Rochefort ...	29.99	55	54	S	4	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy and unsettled over the greater part of our Islands and the Continent, with steady rain or passing showers in many places, and with hail in the north of Ireland. Foggy over Sweden and Central Russia. Fine over Norway and Denmark, as well as over the Spanish Peninsula and the central and southern parts of France. Rain falling later over Western Europe generally heavily in places. Thunderstorms occurring at many of our southern and eastern stations.

Temperature rose in our Islands and the neighbouring parts of the Continent, but fallen elsewhere. Morning readings highest 75° at Malta, 71° at Athens and Ajaccio, and 67° at Patras and Constantinople; above 60° at the Mediterranean and Adriatic stations generally. Lowest, (1) 19° at Haparanda, and 29° at Ulleaborg and Hernösand; (2) 32° at Le Mans, 34° at Paris, and 36° at Belfort and Munich; (3) 35° at Stornoway and 38° at Nairn. Rising during day to 50° and upwards at many of the English and Irish stations, and reaching 55° at Jersey, exceeding 60° over Southern Europe as a whole. Sharp frost occurring in Scotland at night; shaded thermometer at Nairn falling to 19°.

Wind moderate to strong from the W.ly in our western and northern coasts, and from the SW.ly in the south and east. Light to moderate from the W.ly in Germany and Denmark, but SE.ly in Norway. Light from SE over Central and southern Russia, but from NE. over the Baltic. Variable over Southern Europe generally. Subsequently increasing to a gale from the W.ly on many parts of our western and southern coasts; falling light and variable in Scotland.

Barometer highest 30·30 in. at Madrid, 30·1 in. and upwards in an anticyclone lying over the whole of the Spanish Peninsula, and also in another system over Asia Minor, the Black Sea and the south of Russia. Lowest 29·2 in. and less, in a depression off the north of Scotland; 29·6 in. and less, in another disturbance over the Baltic Provinces; 29·8 in. and less, in two small systems lying over the Gulf of Genoa and Northern Italy. Well marked secondary depression appearing later off the north of Ireland, and barometer falling briskly on our northwest coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Monday, 26th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.84	37	NW	2	r	29.14	-.08	40	40	+17	S	4	r	#	r	#	?	21	0.39
	Hernösand ...	29.83	43	S	4	r	29.69	-.11	44	43	+10	S	8	r	#	r	#	44	30	0.16
	Stockholm ...	29.86	45	SE	6	0	29.84	-.05	46	45	+10	SSE	4	0	#	0	#	46	32	0.04
	Wisby	29.93	45	SSE	4	c	29.89	-.03	46	45	+6	S	4	0	#	c	#	48	34	-
	Karlstad ..	29.67	46	SE	4	0	29.71	-.04	44	42	+3	SSE	4	bc	#	r.0	#	#	#	0.39
	Bodö	29.72	30	NE	2	b	29.74	+.04	28	25	-2	E	2	bc	1	b	#	32	25	-
	Christiansund ...	29.28	42	ESE	3	r	29.49	-.06	41	39	+6	E	0	r	2	r	#	41	34	0.08
	Skudesnaes ..	29.38	44	SE	4	bc	29.36	+.08	46	44	-2	SE	7	bc	5	bc	#	48	36	#
	Færder (Christiania Fjord)	29.49	48	SSE	6	r	29.59	+.03	49	47	+4	SSE	6	0	4	r	#	49	45	0.71
	Skagen (The Scaw)	29.54	47	SSW	5	r	29.62	+.07	47	46	0	SW	6	bc	2	r	#	48	45	0.35
	Fanö	29.46	47	SW	7	b	29.52	+.11	45	43	0	S	7	c	#	b	#	48	45	0.08
BRITISH ISLANDS.	Sumburgh Head	29.19	40	NE	2	0	29.38	+.27	44	41	+1	NE	3	c	4	0	#	46	37	0.34
	Stornoway	29.38	43	NE	7	0	29.50	+.19	42	42	+8	NE	6	r	6	c.0	0.5	45	42	0.60
	Wick ...	29.17	40	NW	3	0	29.37	+.21	40	39	+5	N	3	0	2	S.0	#	41	30	0.30
	Nairn	29.16	39	W	3	0	29.42	+.16	34	33	+6	W	1	bc	1	0S	#	40	27	0.26
	Aberdeen ...	29.22	35	W	2	bc	29.34	+.11	36	34	+2	NW	4	ogqr	4	bc	6.0	46	29	0.01
	Leith	29.24	37	E	0	0	29.36	+.15	40	38	+3	N	1	om	#	0	#	42	35	0.01
	Shields	29.22	38	E	0	r	29.32	+.15	35	33	-3	NW	2	c	2	TS.r	#	43	30	0.15
	Spurn Head ...	29.20	41	SW	3	0	29.37	+.19	38	37	-1	NSW	3	op	3	c.op	#	43	36	0.03
	York	29.20	40	ESE	1	0	29.35	+.17	30	30	-6	SSE	1	bc	#	0	0.7	43	28	0.01
	Loughborough ..	29.28	41	NSW	1	0	29.40	+.20	38	37	+1	SW	2	omp	#	c.p,o,c,q	#	45		0.08
	Ardrossan ...	29.24	41	E	0	r	29.39	+.20	37	37	+	ENE	1	cf	1	be.r	#	44		
	Malin Head ...	29.35	43	N	5	oq	29.41	+.20	46	43	+7	NNW	10	o	6	oq	#	44	[illegible]	[illegible]
	Belmullet ...	29.52	45	N	7	oqp	29.63	+.34	44	40	-2	N	6	o	#	c.oqp	#	47	[illegible]	0.20
	Donaghadee ...	29.30	42	NW	5	bc	29.36	+.20	44	44	+2	ENE	5	r	4	bc	#	45	39	0.18
	Liverpool (Bidston)	29.27	39	N	1	0	29.33	+.22	44	43	+5	W	6	r	4	p	#	45	36	0.35
	Holyhead ...	29.27	44	N	6	cq	29.40	+.29	44	42	+2	NNW	7	cqp	6	cq	#	45	40	0.34
	Parsonstown ...	29.46	37	NW	2	b	29.60	+.27	36	35	-1	W	1	b	#	phst,b	2.5	43	35	0.20
	Valencia ...	29.58	48	NW	6	oqp	29.70	+.17	41	39	-7	NNE	1	bc	3	oqp	0.7	42	39	0.30
	Roche's Point ..	29.51	42	NNW	5	b	29.67	+.25	40	38	-3	NW	3	bc	3	qb	#	47	38	0.03
	Pembroke (St. Ann's Hd.)	29.36	38	NW	6	r	29.56	+.35	46	42	+1	NW	5	b	5	c.r	1.2	48	37	0.36
	Scilly	29.46	48	WNW	8	cq	29.62	+.12	48	45	0	NNW	3	o	3	cq	6.2	51	[illegible]	0.03
	Prawle Point ...	29.40	45	WSW	7	c	29.63	+.20	43	41	-5	WNW	4	bc	3	cqp.c	#	50	39	0.02
	Jersey (St. Anbin's)	29.54	51	SW	6	c	29.67	+.11	47	45	-4	WSW	4	cp	4	bc,tlhr	#	54	[illegible]	0.38
	Hurst Castle ..	29.38	51	WSW	7	cu	29.56	+.18	46	44	-1	W	5	b	4	prhq.c	#	62	[illegible]	0.03
	Dungeness ...	29.41	47	WSW	6	c	29.51	+.12	46	44	-1	WSW	5	cp	4	tlhrs	#	54	39	0.23
	North Foreland	29.42	44	SW	4	bc	29.50	+.13	39	37	-3	SSW	3	bc	2	bc, tlh	#	52	35	0.24
	London (Brixton) ...	29.36	43	WSW	3	b	29.51	+.19	42	40	-2	WSW	2	bc	#	bc,tlhpbl	5.6	51	36	[illegible]
	Oxford	29.29	44	SSW	2	bc	29.45	+.21	40	38	-1	SW	4	b	#	bcp	#	47	35	0.42
	Cambridge ..	29.34	42	SW	2	0	29.46	+.21	39	38	-2	SSW	2	0	#	cqph	4.2	50	[illegible]	[illegible]
	Yarmouth ...	29.28	43	SW	4	c	29.44	+.15	39	37	-4	SW	3	c	3	cqp	#	48	[illegible]	[illegible]
GERMANY & HOLLAND.	Cuxhaven ..	29.52	43	SSW	5	0	29.59	+.09	41	41	-4	SSE	4	b	#	0	#	46	39	0.04
	Berlin	29.82	44	SSE	4	0	29.88	-.03	41	39	+3	SSE	2	bc	#	0	#	48	37	-
	Wiesbaden ...	#	#	#	#	#	29.80		44	44		SW	3	0	#	#	#	48	39	0.12
	Munich... ..	29.96	39	SW	2	b	29.93	-.08	31	31	+1	E	0	b	#	b	#	48	29	-
	The Helder ...	29.40	45	SW	5	0	29.45	+.24	46	43	-2	SW	7	r	3	0	#	50	43	0.51
BELGIUM.	Brussels ...	#	#	#	#	#	29.64	+.10	43	40	+2	SSW	5	c	#	0	#	51	41	0.04
	Cape Gris Nez...	29.44	50	NNW	6	0	29.49	+.10	46	41	-3	NNW	5	0	5	0	#	52	39	0.59
	Paris	29.71	48	SSW	3	r	29.74	+.11	41	39	-3	SSW	2	bc	#	r	#	55	41	0.08
	Brest	29.63	48	NNW	5	c	29.66	.00	49	46	0	NNW	3	c	3	c	#	54	[illegible]	0.39
	Lorient... ...	29.69	51	NNW	4	c	29.69	?	51	47	+2	W	4	bc	4	c	#	55	45	0.24
FRANCE &	Rochefort ...	29.82	55	W	5	c	29.83	+.08	50	48	-5	W	4	r	#	c	#	59	43	0.16
	Belfort	29.84	48	W	5	0	29.82	?	48	42	+10	SSW	8	0	#	0	#	53	38	-
	Lyons	29.92	49	S	4	0	29.87	-.14	49	47	+12	S	3	c	#	0	#	54	37	-
	Nice	30.05	50	SW	2	b	29.99	-.07	45	44	+1	E	2	b	2	b	#	61	44	0.04
	Perpignan ...	29.97	47	E	0	b	29.88	-.20	39	39	+1	SW	1	b	#	b	#	61	37	-
	Biarritz ...	29.90	58	NW	3	b	29.96	-.06	50	48	-4	W	3	r	5	b	#	63	48	0.47
PENINSULA.	Corunna ...																#			
	Lisbon	30.02	53	N	3	b	30.01	-.12	51	50	+1	N	1	0	#	b	#	63	50	-
	Azores (P. Delgada)	30.02	63	ENE	3	c	29.96	+.01	63	56	-1	ENE	4	bc	3	c	#	68	61	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

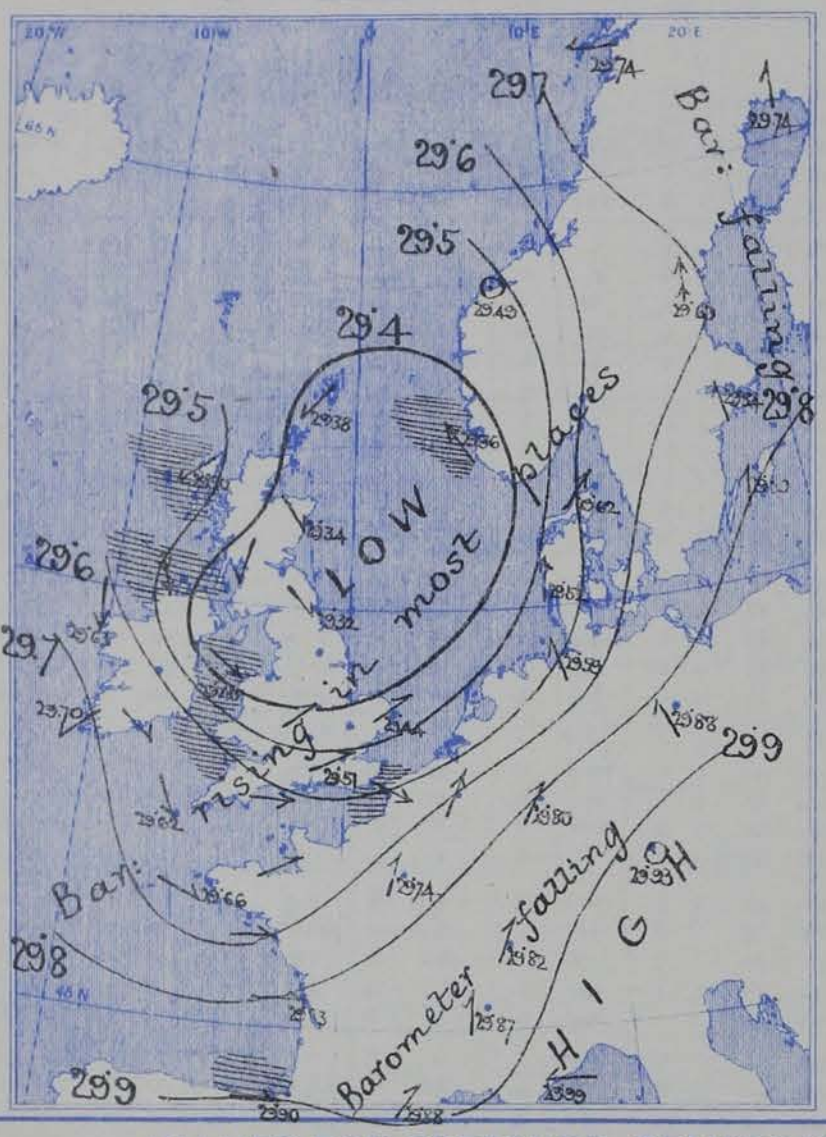
Bright Sunshine yesterday Southport 0.8 hrs; Eastbourne 4.6 hrs. Hastings 4.6 hrs. Brighton 6.5 hrs.

WEATHER CHARTS

FOR Monday, 26th October, 1896.

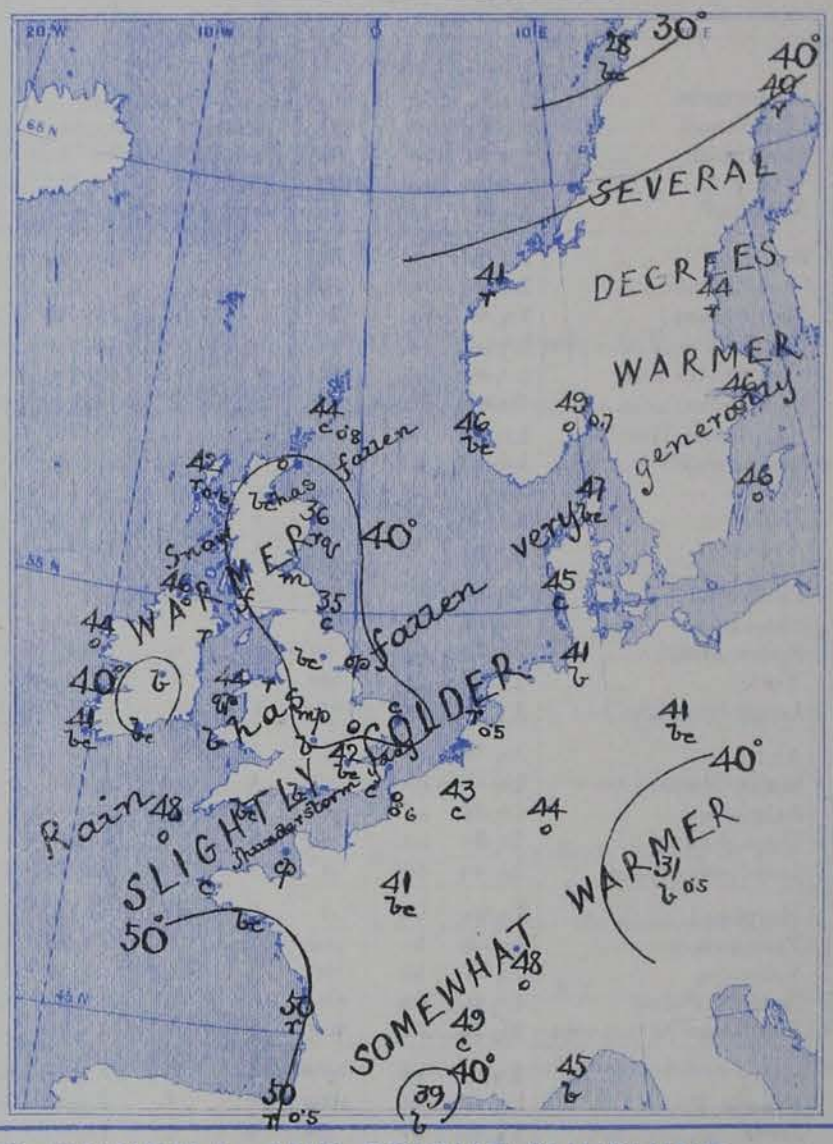
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—*Rough* ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—*A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus*—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means. 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Dunaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 in: and upwards, in the south of Portugal; 29·9 in: and upwards over the southeast of France and Eastern Germany.
Lowest, 29·4 in: and less, in a complex depression lying over the North Sea and the northern parts of our Islands.
Gradients rather steep over the north of Ireland, but moderate or slight elsewhere.
Barometer rising in most places, but falling in Sweden and also in the south of France.

TEMPERATURE

Highest, 51° at Lorient and Lisbon; 50° at Rochefort and Biarritz, and 49° at Brest and Lyons; (2) 49° at Sandver and 47° at Skagen.
Lowest, (1) 28° at Bodö; (2) 30° at York, 34° at Nairn, 35° at Shields, and 36° at Aberdeen and Parsonstown; (3) 31° at Munich.
Frost was again experienced last night in the north of Scotland, the sheltered thermometer falling to 27° at Nairn and to 29° at Aberdeen.

WIND

N. or NW. on our western and northern coasts; strong in force in many places, with a gale at Malin Head.
Moderate to fresh from the W. over the Channel and Bay of Biscay.
Light from the S. or SW. over Central France and the east of England; strong from S. or SE. in Scandinavia and Denmark, with a gale at Hernösand.

WEATHER

Fine in the south of our Islands, as well as in Denmark, Germany, and the extreme south of France.
Cloudy or dull elsewhere, with rain or passing showers at several of our northern stations.
Rain fell yesterday over Western Europe generally, the largest amounts being 0·8 in: at Lerwick, 0·7 in: at Sandver, and 0·6 in: at Stornoway and Cape Finisterre. Snow fell yesterday in the north of Scotland, and thunderstorms with hail occurred in the south and southeast of England.

SEA

Rough or rather so on several of the more exposed parts of our western and southern coasts, as well as at Stornoway and Skudesnaes.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The complex depression over our Islands appears to be gradually filling up, but showery weather is still probable in most districts. On our extreme southwest coast there are some slight indications of the formation of a new disturbance.

FORECASTS

For the 24 hours ending at NOON on 27th OCT. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	N. winds, moderate or fresh; changeable, some cold showers.
2 ENGLAND N.E.	Light breezes, chiefly W.; changeable, some rain.
⚠ 3 ENGLAND EAST 4 MIDLAND COUNTIES ⚠ 5 ENGLAND SOUTH	SW. winds, moderate inland, strong on coast; changeable, some showers.
6 SCOTLAND WEST	Same as No. 0 and 1.
7 ENGLAND N.W.	W. to NW. winds, strong; unsettled, showery.
⚠ 8 ENGLAND S.W.	NW. winds, backing later; fair at first, then cloudy, with some rain.
9 IRELAND NORTH	N. winds, strong; squally, showery.
10 IRELAND SOUTH	N. and NE. winds, strong; squally, showery.
WARNINGS	The South Cone is still flying in districts 3, 5, and 8.

Note.—The **South Cone**, *point downwards* (⚠), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (⚠), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.32	45	42	SE	7	r	5
Sumburgh Head							
Stornoway	29.33	44	43	NE	6	c	6
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29.33	43	38	r	4	o	2
Belmullet	29.45	47	43	r	7	c	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29.57	53	49	WSW	7	bc	6
Hurst Castle ...							
Dungeness ...	29.35	48	45	WSW	7	t	6
North Foreland	29.35	47	43	SW	4	bc	3
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29.86	55	52	NW	3	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 18TH TO THE 24TH OCTR. 1896.

The weather of last week though somewhat finer over England than of late, was upon the whole very changeable and unsettled, with frequent rains in the northern and northeastern districts.

The depression which was spreading over our Islands from the northward at the close of the previous week subsequently advanced over England and occasioned rainy weather over the entire Kingdom with Nly gales on our eastern and extreme northern coasts.

After the 20th, however, the disturbance moved away to the eastward and gradually dispersed, cold Nly winds setting in over the entire Kingdom, with showers in most districts, and with thunder and lightning at many western and southern stations. Temperature fell rather decidedly, and at night sharp frosts were experienced in many parts of the country. Early on the 23rd the the thermometer in the screen fell to 25° at Nairn and Paramstown, while on the surface of the grass a minimum of 22° was reported at Loughborough.

Towards the close of the week a new depression advanced to our extreme northern coasts from the Atlantic, while small secondaries appeared over Ireland and England. The wind consequently backed to the Wly or SWly and blew hard in places, while rainy weather set in very generally, with a decided rise of temperature. On the 24th thunderstorms occurred at many of our eastern and southern stations.

Over Southern Europe the weather was in a very disturbed state throughout with frequent heavy rains and occasional thunderstorms. At Nice the rainfall on the 19th amounted to no less than 3.7 ins.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 27th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.67	32	2	0	0	29.69	− .05	28	28	− 12	S	2	0	*	0	*	41	28	0.47
	Hernösand ...	29.75	41	SSW	4	b	29.74	+ .05	41	39	− 3	2	0	c	*	b	*	46	39	—
	Stockholm ...	29.87	46	S	2	0	29.86	+ .02	41	41	− 5	2	0	0	*	0	*	50	37	0.04
	Wisby	29.91	46	S	4	b	29.89	.00	47	47	+ 1	SSW	4	r	*	b	*	48	41	—
	Karlstad ...	29.74	46	S	4	0	29.76	+ .05	45	42	+ 1	S	4	0	*	0	*	*	*	—
	Bodö	29.73	28	E	2	b	29.71	− .03	26	22	− 2	ENE	2	b	1	b	*	32	23	—
	Christiansund ...	29.72	41	ENE	3	0	29.67	+ .18	41	37	0	ENE	6	0	3	0	*	41	39	0.04
	Skudesnaes ...	29.40	46	SSE	6	0	29.56	+ .20	46	42	0	SE	4	0	4	0	*	48	41	*
	Færder (Christiania Fjord)	29.60	48	SSE	5	0	29.64	+ .05	47	45	− 2	N	4	0	4	0	*	50	46	0.51
	Skagen (The Scaw)	29.67	45	SSW	4	b	29.70	+ .08	45	44	− 2	SW	5	b	1	b	*	48	41	0.12
	Fanö	29.63	47	SW	6	c	29.68	+ .16	47	45	+ 2	SW	6	bc	*	rl, c	*	48	41	0.75
BRITISH ISLANDS.	Sumburgh Head	29.51	42	NE	5	r	29.65	+ .27	41	38	− 3	NNE	3	0	5	p, r	*	46	39	0.67
	Stornoway ...	29.70	41	NE	7	r	29.83	+ .33	37	37	− 5	NNW	3	c	3	c, r	0.7	44	33	0.40
	Wick	29.49	44	N	4	0	29.67	+ .30	42	41	+ 2	NE	5	ow	4	0	*	47	37	0.10
	Nairn	29.51	43	NNW	2	r	29.72	+ .30	41	39	+ 7	NNE	3	c	3	r	*	45	32	0.04
	Aberdeen ...	29.41	41	NNW	5	orgq	29.64	+ .30	43	40	+ 7	N	6	cq	5	cpq, rq	0.6	43	36	0.56
	Leith	29.48	40	W	1	0	29.67	+ .31	43	40	+ 3	WNW	3	bm	*	0	*	48	38	—
	Shields	29.48	39	WSW	2	bm	29.58	+ .26	40	40	+ 5	WSW	3	b	2	o, bm, r	*	47	33	0.03
	Spurn Head ...	29.53	42	WSW	3	bm	29.61	+ .24	38	37	0	WNW	3	bm	3	o, bm	*	43	35	—
	York	29.51	37	WSW	1	b	29.64	+ .29	26	26	− 4	2	0	f	*	b	1.8	45	24	—
	Loughborough ...	29.59	43	W	3	bc	29.69	+ .29	31	31	− 7	2	0	ofw	*	p, bc, of	*	50	31	0.01
	Ardrossan ...	29.52	49	NNW	2	0	29.71	+ .32	43	42	+ 6	NNW	3	0	2	b, o	*	50	36	—
	Malin Head ...	29.58	45	N	5	cp	29.76	+ .35	46	43	0	N	5	og	5	cp	*	47	41	0.03
	Belmullet ...	29.67	45	NNE	7	0	29.84	+ .21	44	41	0	NNE	4	o	*	opq, o	*	47	41	0.41
	Donaghadee ...	29.58	43	NW	5	bc	29.72	+ .36	47	45	+ 3	NE	5	c	3	bc	*	48	37	0.01
	Liverpool (Bidston)	29.56	45	WNW	1	0	29.67	+ .34	38	36	− 6	WSW	1	b	1	p, om	*	46	36	0.04
	Holyhead ...	29.56	44	NE	1	rgm	29.68	+ .28	40	39	− 4	2	0	cf	0	cp, rmg	*	47	38	0.09
	Parsonstown ...	29.64	41	W	1	c	29.79	+ .19	38	37	+ 2	2	0	bc	*	cp	2.0	46	30	0.04
	Valencia ...	29.75	45	N	3	b	29.84	+ .14	44	42	+ 3	NNE	3	bcp	3	bc, b	6.9	48	39	0.07
	Roche's Point ..	29.69	45	NW	3	b	29.79	+ .12	42	40	+ 2	N	3	bc	3	b	*	48	36	—
	Pembroke (St. Ann's Hd.)	29.62	47	NW	4	bc	29.71	+ .15	42	41	− 4	NE	2	bw	3	bc	7.1	47	42	—
	Scilly	29.65	46	WNW	2	cp	29.76	+ .14	48	45	0	W	5	cp	2	r, cp	0.0	49	42	0.09
	Prawle Point ...	29.67	44	ESE	2	p	29.77	+ .14	43	41	0	WNW	3	c	2	p, c	*	50	38	0.03
	Jersey (St. Aubin's)	29.69	46	W	4	cptg	29.81	+ .14	46	44	− 1	WSW	4	bcp	3	c, thrq	*	53	42	0.46
	Hurst Castle ...	29.66	48	WSW	2	c	29.73	+ .17	40	39	− 6	W	3	om	2	c, p	*	52	39	0.05
	Dungeness ...	29.65	48	W	4	bc	29.64	+ .13	42	42	− 4	NW	3	r	4	bc, thr	*	54	41	0.94
	North Foreland	29.69	44	SW	2	bc	29.69	+ .19	43	42	+ 4	SW	2	r	2	c, bc, thr	*	52	38	0.53
	London (Brixton) ...	29.65	41	WSW	1	bcm	29.71	+ .20	39	38	− 3	W	1	bcm	*	b, cm, op	6.5	52	38	0.03
	Oxford	29.66	41	SW	3	b	29.71	+ .22	35	34	− 5	WSW	2	bc	*	b	*	50	34	—
	Cambridge ...	29.63	42	SW	1	b	29.69	+ .23	36	35	− 3	SW	1	b	*	b	6.3	50	33	—
	Yarmouth ..	29.58	46	SW	3	bc	29.64	+ .20	38	36	− 1	WSW	2	bcm	3	c, bc	*	48	35	—
GERMANY & HOLLAND.	Cuxhaven ...	29.69	43	S	3	b	29.78	+ .19	38	38	− 3	S	4	bc	*	b	*	48	36	—
	Berlin	29.89	44	SE	2	bc	29.99	+ .11	41	40	0	SSW	2	b	*	bc	*	55	41	—
	Wiesbaden ...	*	*	*	*	*	29.99	+ .19	41	40	− 3	SW	1	0	*	*	*	50	41	0.08
	Munich... ..	29.93	36	NE	3	b	30.06	+ .13	36	36	+ 5	SSE	1	bc	*	b	*	50	30	—
	The Helder ...	29.61	48	SW	7	bc	29.67	+ .22	42	41	− 4	S	4	c	1	bc	*	50	39	0.12
BELGIUM.	Brussels ...	*	*	*	*	*	29.78	+ .14	44	42	+ 1	SSW	2	0	*	b	*	50	39	0.04
	Cape Gris Nez...																*			
	Paris	29.83	43	SSW	2	b	29.85	+ .11	44	43	+ 3	SSW	3	c	*	b	*	53	42	0.04
	Brest	29.65	46	W	3	c	29.82	+ .16	46	43	− 3	NW	1	bc	3	c	*	52	39	0.25
	Lorient... ...	?	52	W	4	0	29.85	+ .16	50	48	− 1	NNW	3	0	2	0	*	54	45	0.32
FRANCE &	Rochefort ...	29.87	54	WSW	5	c	29.95	+ .12	53	50	+ 3	WNW	4	0	*	c	*	57	48	0.24
	Belfort	29.95	40	2	0	r	29.98	+ .16	40	38	− 8	2	0	0	*	r	*	49	37	0.32
	Lyons	30.00	43	WSW	1	bc	30.05	+ .18	35	35	− 14	SE	1	b	*	bc	*	53	35	0.51
	Nice	30.04	49	E	1	r	30.05	+ .06	51	49	+ 6	E	1	0	3	r	*	54	45	1.14
	Perpignan ...	29.98	51	W	2	b	30.05	+ .17	39	38	0	SW	2	b	*	b	*	65	38	—
	Biarritz ...	29.94	54	WSW	2	r	29.96	+ .06	50	45	0	S	3	b	3	r	*	57	45	?
PENINSULA.	Corunna ...																*			
	Lisbon														*		*			
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

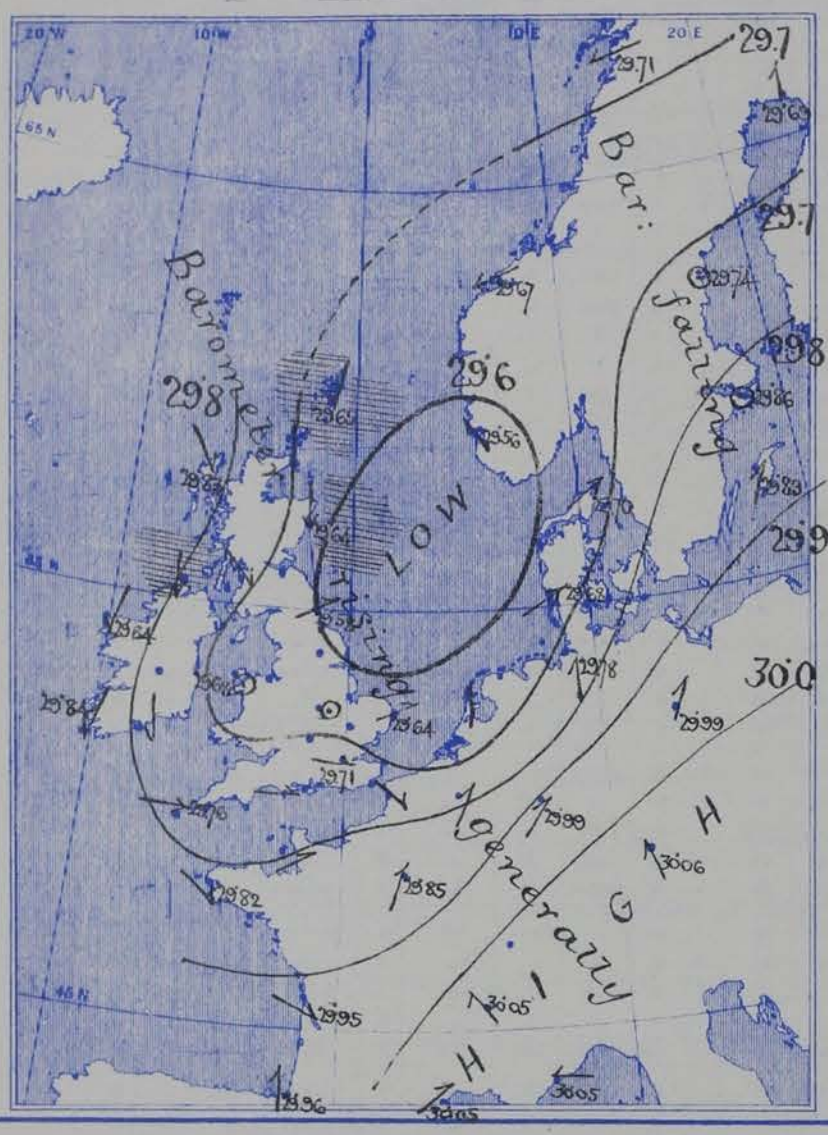
Bright Sunshine yesterday Southport 2.3 hrs; Eastbourne 7.0 hrs; Hastings 7.4 hrs; Brighton 7.8 hrs.

WEATHER CHARTS

FOR Tuesday, 27th October, 1896.

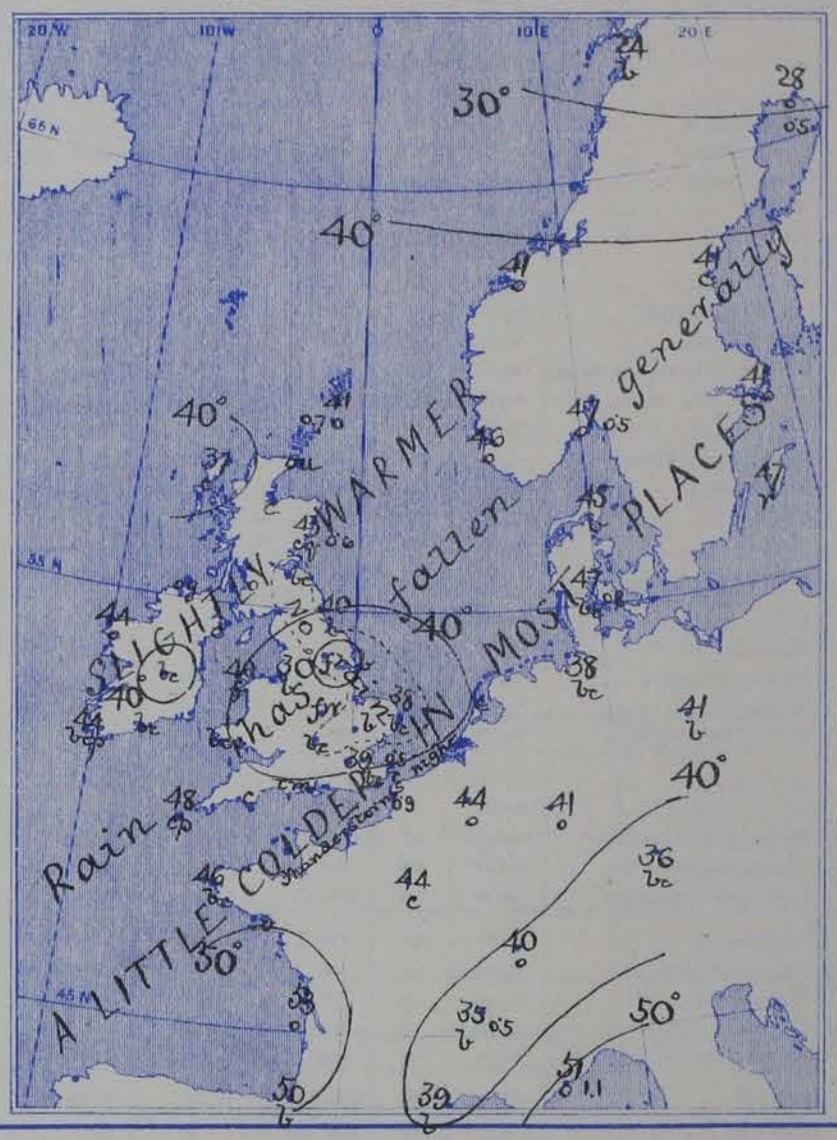
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means. 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 ins. and upwards over the southern parts of France and Germany.
Lowest 29.6 ins. and less in a large shallow depression over the North Sea.
Gradients slight. Barometer rising generally, but falling at several of the Scandinavian stations.

TEMPERATURE

Highest (1) 53° at Rochefort, 51° at Nice, 50° at Lorient and Biarritz, and 48° at Scilly; (2) 47° at Faerder and Wisley, and 46° at Skudesnaes.
Lowest (1) 24° at Bodö, and 28° at Haparanda; (2) 26° at York, 31° at Loughborough, and 35° at Oxford. (3) 35° at Lyons, & 36° at Marseilles.
Frost occurred last night at many of our northern and central stations, the lowest reading reported being:- In the screen 24° at York, and 31° at Loughborough; on the grass 27° at Loughborough.

WIND

Moderate to fresh from the N^wd. in Ireland and Scotland, light from the W^wd. over England & the W. of France.
Light from the S^wd. or SW^wd. over central France, Germany and the Netherlands, and fresh or strong from the same quarters in Denmark.
E^ly in the W. of Norway, and strong in force at Christiansund.

WEATHER

Fair or fine over W^rn Europe as a whole, but dull on our extreme N. and NW. coasts, rainy in the extreme SE. of England, and showery at Valencia (Ireland) and Scilly.
Dull in the southern parts of Scandinavia, with rain at Wisby.
Since yesterday morning rain has again fallen in most parts of W^rn Europe, the largest amounts being 1.1 ins. at Nice, 0.9 in. at Dungeness, 0.8 in. at Faro, and 0.7 in. at Lerwick N^d. Thunderstorms occurred last night or early this morning at Jersey, Dungeness and the N. Foreland.

SEA

Moderate to smooth generally, but rather rough at Lerwick N^d., Aberdeen and Malin Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the North Sea continues to fill up gradually, and fair weather seems likely to continue for a time over the greater part of the United Kingdom. Showers are, however, probable in a few places.

FORECASTS

For the 24 hours ending at NOON on 28th. October 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	N^ly winds, moderate or fresh; changeable, some cold showers.	6 SCOTLAND WEST 7 ENGLAND N.W.	Light breezes, chiefly N^ly; fair generally, but local showers.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No. 5.	8 ENGLAND S.W.	NW^ly winds, moderate; fair generally, but local showers.
5 ENGLAND SOUTH	W^ly winds, light; fair generally, but local showers, foggy and frosty at night.	9 IRELAND NORTH 10 IRELAND SOUTH	Same as Nos. 6 and 7.
		WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.41	48	44	SSE	8	o	5
Sumburgh Head	29.33	43	42	NE	3	p	4
Stornoway	29.62	44	44	NE	6	c	6
Aberdeen	29.35	41	40	NW	5	cpq	4
Shields	29.41	46	42	W	3	c	2
Ardrossan	29.48	47	45	NNW	3	b	1
Malin Head ...	29.54	45	41	E	3	c	3
Belmullet	29.68	45	42	N	4	opq	*
Holyhead	29.49	47	43	NW	6	cp	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.72	47	42	N	3	b	4
Scilly	29.65	45	43	N	1	r	2
Jersey	29.69	52	48	SSW	3	c	3
Hurst Castle ...	29.64	51	47	WSW	4	c	3
Dungeness ...	29.61	52	48	WSW	5	bc	3
North Foreland	29.62	51	47	SW	3	bc	0
London (Westminster)	29.59	51	44	WSW	2	bc	*
Yarmouth ...	29.51	48	44	WSW	4	c	3
Rochefort ...	29.88	55	52	W	3	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine in the south of our Islands, as well as over Denmark, Germany and the greater part of S.rn Europe. Cloudy or dull elsewhere, with rain or passing showers at several of our own N.rn stations, as well as in the W. of France, the Netherlands and many parts of Scandinavia. Rain falling later over W.rn Europe as a whole, – heavily in places. Thunderstorms occurring in the evening or night at several of the English Channel stations.

Temperature fallen a little over England, France and Holland, and also in Russia, but risen in most other countries. Morning reading highest 69° at Patras, 66° at Athens, and 64° at Algiers; above 55° at the Mediterranean and Adriatic stations generally. Lowest (1) 25° at Archangel, and 28° at Bodö, (2) 30° at York, and 34° at Nairn, (3) 31° at Munich, (4) 32° at Madrid. Rising during day to 50° and upwards over the central and S.rn parts of England, to 55° and upwards in the S. of France, and to 65° at Perpignan. Sharp frost occurring in the N. of England at night.

Wind N. or NW. on our western and northern coasts, with a gale at Malin H.d; moderate to fresh from the W.rd over the Channel and Bay of Biscay; light from S. or SW. over central France & the E. of England. Strong to a gale from S. or SE. over Scandinavia and Denmark, and light or moderate from the same quarters over Germany and Russia. N. or NE. in Italy, variable over Spain and the S. of France. No important change occurring during day.

Barometer highest 30.4 ins. and upwards in an anticyclone over central Russia. Lowest 29.4 ins. and less in a complex depression over the North Sea and the N.rn parts of our Islands. Depression filling up gradually later, but shallow secondary disturbances appearing over various parts of our W.rn and S.rn districts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 28th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.65	25	N	2	c	29.59	-.10	24	23	-4	N	2	c	*	c	*	34	23	0.04
	Hernösand ...	29.59	41	S	6	c	29.51	-.23	36	35	-5	SW	0	o	*	c	*	46	36	-
	Stockholm ...	29.76	40	SW	0	c	29.52	-.34	40	39	-1	SSW	2	o	*	c	*	48	37	0.04
	Wisby	29.82	41	S	4	c	29.63	-.26	44	42	-3	WSW	6	b	*	c	*	48	37	0.32
	Karlstad ...	29.64	45	SSW	2	c	29.41	-.35	43	42	-2	SSW	2	r	*	r.h.c	*	*	*	0.16
	Bodö	29.62	28	E	2	c	29.52	-.19	30	27	+4	E	4	o	1	c	*	30	21	-
	Christiansund ...	29.60	37	ENE	3	c	29.45	-.22	34	33	-7	SW	0	b	2	c	*	41	32	-
	Skudesnaes ...	29.48	44	ESE	4	o	29.46	-.10	41	40	-5	N	2	o	2	o.l	*	46	41	*
	Færder (Christiania Fjord)	29.58	43	SW	0	r	29.38	-.26	39	38	-8	NW	2	o	2	r	*	47	39	1.42
	Skagen (The Scaw)	29.59	46	SW	3	c	29.40	-.30	44	43	-1	SW	3	o	0	c	*	46	?	
	Fanö	29.54	46	W	6	r	29.62	-.06	46	44	-1	W	6	c	*	r.fl	*	48	45	0.32
BRITISH ISLANDS.	Sumburgh Head	29.64	39	N	2	o	29.52	-.13	36	35	-5	N	2	o	4	o	*	42	34	0.06
	Stornoway ...	29.83	39	N	3	o	29.66	-.17	37	37	0	NNW	3	o	3	p.r.o	8.3	42	35	0.30
	Wick	29.70	40	N	3	o	29.59	-.08	35	34	-7	NW	2	o	2	o	*	45	33	0.20
	Nairn	29.76	40	NNE	2	r	29.63	-.09	37	37	-4	W	2	o	1	r	*	45	35	0.15
	Aberdeen ...	29.73	38	NW	3	bc	29.64	.00	37	35	-6	W	2	c	2	c.q.p.bc	41	47	35	0.05
	Leith	29.75	43	NW	3	b	29.68	+.01	36	34	-7	W	2	bcm	*	b	*	52	34	
	Shields	29.71	43	NW	3	c	29.72	+.14	34	33	-6	WSW	2	bm	2	r.c	*	45	33	0.37
	Spurn Head ...	29.69	42	W	4	o	29.75	+.14	41	40	+3	WSW	3	bm	4	bc.o.r	*	45	38	0.22
	York	29.71	41	WNW	1	r	29.76	+.12	35	35	+9	W	1	bc	*	r	0.0	44	26	0.40
	Loughborough ...	29.78	41	W	2	o	29.80	+.11	34	33	+3	SE	1	cfw	*	bc.dp	*	50	31	0.06
	Ardrossan ...	29.77	42	NNW	3	c	29.68	-.03	35	35	-8	NE	2	cm	1	b.c	*	48	31	
	Malin Head ...	29.82	43	N	5	dp	29.70	-.06	39	39	-7	NNW	2	o	2	c.h.dp	*	46	36	0.37
	Belmullet ...	29.91	40	NNE	3	b	29.75	-.09	41	39	-3	SSE	2	o	*	bc.b	*	42	39	-
	Donaghadee ...	29.80	45	NW	4	b	29.74	+.02	35	34	-12	W	3	b	1	b	*	50	32	-
	Liverpool (Bidston)	29.80	43	SW	0	r	29.75	+.08	41	38	+3	SSW	1	bc	1	fbc.r	*	46	38	0.02
	Holyhead ...	29.79	46	NE	1	ogp	29.75	+.07	42	40	+2	W	2	bc	1	cp.ogp	*	49	39	0.16
	Parsonstown ...	29.87	42	SW	0	o	29.80	+.01	29	29	-9	SW	0	bc	*	c.d	3.0	47	28	-
	Valencia ...	29.93	44	NNE	2	p	29.81	-.03	39	38	-5	NNE	2	dp	2	p.r	1.9	47	32	0.11
	Roche's Point ..	29.90	45	NNW	3	bc	29.83	+.04	37	35	-5	NNW	2	bg	3	bc	*	49	35	-
	Pembroke (St. Ann's Hd.)	29.81	44	NNW	3	r	29.78	+.07	42	41	0	NE	2	b	2	c.r	2.6	48	40	0.38
	Scilly	29.84	47	WNW	3	bc	29.80	+.04	47	44	-1	NW	3	bc	2	bcp.bc	5.8	49	43	0.07
	Prawle Point ...	29.85	43	WSW	3	c	29.81	+.04	41	40	-2	NW	3	c	2	cp.c	*	51	38	0.02
	Jersey (St. Aubin's)	29.89	49	WSW	3	cq	29.83	+.02	45	43	-1	WSW	2	cm	2	phr.c.lp	*	53	42	0.09
	Hurst Castle ...	29.82	47	WSW	4	bc	29.81	+.08	37	36	-3	N	1	bm	1	c.phr.bc	*	52	34	0.05
	Dungeness ...	29.81	47	WSW	4	bcu	29.80	+.16	38	37	-4	WNW	3	bc	2	bc	*	52	37	0.03
	North Foreland	29.83	44	SW	2	bc	29.83	+.14	41	39	-2	W	2	b	2	bc.l	*	50	36	-
	London (Brixton) ...	29.82	42	WSW	1	cm	29.80	+.09	31	31	-8	SW	0	f	*	b.c	5.3	51	29	-
	Oxford	29.83	40	SW	2	b	29.82	+.11	30	30	-5	SW	0	f	*	b	*	50	30	-
	Cambridge ...	29.80	39	SW	1	b	29.82	+.13	31	?	-5	SW	1	f	*	b	5.6	49	30	-
	Yarmouth ...	29.74	41	W	2	b	29.78	+.14	38	37	0	W	2	bm	3	b	*	47	34	0.06
GERMANY & HOLLAND.	Cuxhaven ...	29.69	43	S	4	o	29.77	-.01	40	39	+2	SW	3	b	*	o	*	48	38	0.04
	Berlin	29.89	46	WSW	3	o	29.99	.00	40	38	-1	SW	4	c	*	o	*	52	39	-
	Wiesbaden ...	*	*	*	*	*	29.98	-.01	42	41	+1	SW	1	o	*	*	*	50	39	0.08
	Munich... ..	30.10	40	SE	3	b	30.05	-.01	39	37	+3	SE	3	b	*	b	*	50	34	-
	The Helder ...	29.73	47	WSW	5	bc	29.77	+.10	47	43	+5	WSW	4	bc	2	bc	*	48	42	0.24
BELGIUM.	Brussels ...	*	*	*	*	*	29.90	+.12	37	36	-7	SE	1	c	*	b	*	48	34	-
	Cape Gris Nez...	29.80	50	SW	4	c	29.78		42	41		SSW	2	o	2	c	*	50	39	0.32
	Paris	29.98	44	SW	2	c	29.91	+.06	41	41	-3	SSE	1	b	*	c	*	53	39	-
	Brest	29.90	49	W	1	bc	29.85	+.03	46	44	0	NE	3	c	2	bc	*	54	41	-
	Lorient... ...	29.89	53	SW	0	bc	29.86	+.01	42	41	-8	E	3	c	2	bc	*	55	37	-
FRANCE &	Rochefort ...	29.97	52	WSW	2	c	29.86	-.09	48	48	-5	E	2	o	*	c	*	61	45	0.16
	Belfort	30.04	43	WSW	3	bc	29.95	-.03	44	41	+4	N	1	o	*	bc	*	53	40	-
	Lyons	30.03	49	W	1	bc	29.93	-.12	46	45	+11	N	1	r	*	bc	*	61	35	0.16
	Nice	30.11	55	SE	2	bc	30.07	+.02	49	48	-2	E	3	r	2	bc	*	61	48	0.04
	Perpignan ...	29.98	53	SE	2	c	29.77	-.28	57	56	+18	E	2	o	*	c	*	60	39	0.16
	Biarritz ...	29.95	56	NNE	3	c	29.75	-.21	47	46	-3	E	2	r	2	c	*	59	46	0.16
PENINSULA.	Corunna ...																*			
	Lisbon	29.75	52	NE	5	r	29.65	-.34	55	51	?	N	6	bc	*	r	*	59	50	30.79
	Azores (P. Delgada)	29.99	61	ENE	3	bc	30.06	+.17	59	55	0	ENE	3	c	3	bc	*	66	55	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

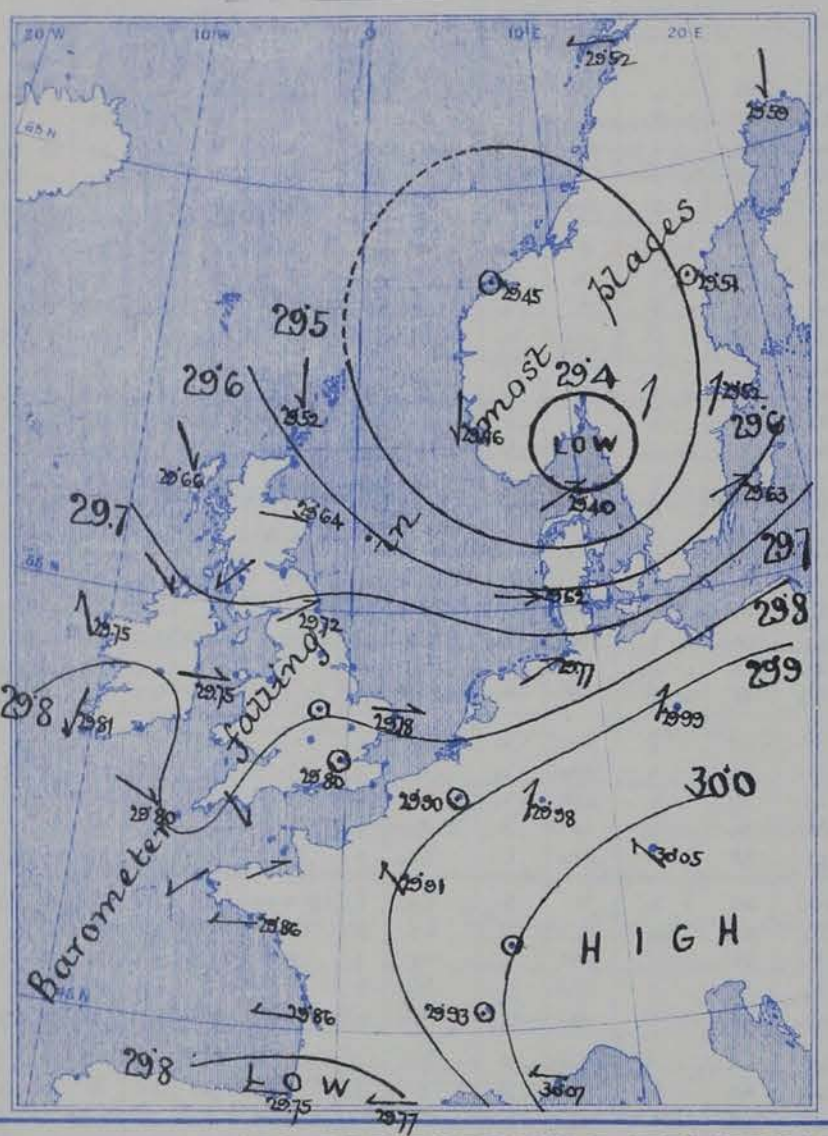
Bright Sunshine yesterday Southport 1.7 hrs; Eastbourne 6.7 hrs; Hastings 7.4 hrs, Brighton 7.3 hrs.

WEATHER CHARTS

FOR Wednesday, 28th October, 1896.

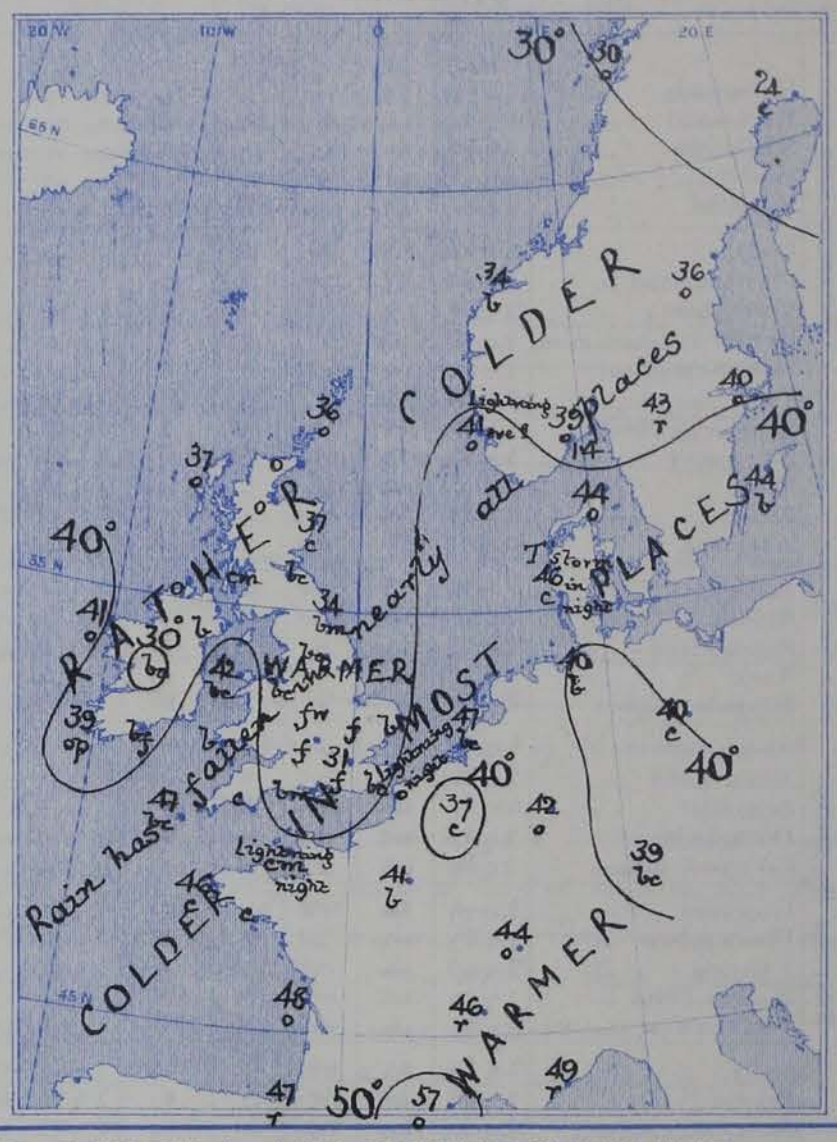
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 in: and upwards over South Germany and the extreme southeast of France.

Lowest, 29·4 in: and less, in a depression having its centre over the Christiania Fiord; 29·7 in: and less over the Spanish Peninsula.

Gradients slight generally, but moderate over Denmark, the Baltic, and the south of Sweden.

Barometer falling in most places – rather briskly in the southwest of France.

TEMPERATURE

Highest, 57° at Perpignan, 55° at Lisbon, 49° at Nice, 48° at Rochefort, 47° at Scilly and Biarritz, and 46° at Brest and Lyons

Lowest, (1) 24° at Haparanda, 30° at Bodö and 34° at Christiansund; (2) 29° at Paramatown, 30° at Oxford, and 31° in London and at Cambridge.

Frost occurred last night in many parts of the United Kingdom, the lowest readings reported being 28° at Paramatown and 29° in London.

WIND

Light from the W. or NW. on our northern coasts; moderate to strong from the SW. in Denmark and the south of Sweden; calm or E. over the northern parts of Scandinavia.

Light from the N. on our southwest coasts; variable in the southeast of England; E. in the west and south of France.

WEATHER

Fair or fine over the United Kingdom as a whole, but foggy over Central England, and dull on our extreme western and northern coasts with passing showers at Valencia (Ireland).

Cloudy at most of the Continental stations, with rain in the south of France, as well as at Flander.

Rain fell yesterday in many parts of our area, the largest amounts being 1·4 in: at Flander, and 0·4 in: at Shields, York, Malin Hd. and Pembroke.

Lunar halos were seen last night at Wick and Aberdeen, a thunderstorm occurred at Paris, and lightning was seen at Skudernaes, Jersey and the North Foreland.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are some indications of the advance of a depression towards our northwest coasts, and also of the extension eastwards of the low pressure area over Spain. Over the southern parts of our Islands, however, no immediate change in the weather is anticipated.

FORECASTS

For the 24 hours ending at NOON on 29th Oct. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	NW. to SW. winds, light; cloudy, some rain or sleet.
2 ENGLAND N.E.	Light breezes, chiefly W.; fair generally but some fog or mist.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Light Variable airs; fair generally, but some fog or mist, frost at night.
6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	Same as No. 2
8 ENGLAND S.W.	N. and NE. winds, light; fair generally
9 IRELAND NORTH	SW. winds, light; dull, some rain.
10 IRELAND SOUTH	Light Variable breezes; cloudy, local showers.
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.50	46	43	ESE	4	o	4
Sumburgh Head	29.67	40	37	N	3	o	5
Stornoway	29.83	42	41	N	4	r	4
Aberdeen	29.70	42	40	NNW	5	cqp	5
Shields	29.65	44	43	NW	3	r	3
Ardrossan	29.75	45	44	NNW	3	b	2
Malin Head ...	29.81	45	41	N	5	c	4
Belmullet	29.89	45	41	N	3	bc	*
Holyhead	29.75	48	44	NNE	2	cp	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F	WEA.	SEA.
Valencia	29.90	46	44	NNE	3	p	3
Scilly	29.82	48	45	NNW	4	bcp	2
Jersey	29.88	52	47	NSW	4	bc	3
Hurst Castle ...	29.81	52	47	SW	4	c	3
Dungeness ...	29.77	51	47	NSW	5	bc	4
North Foreland	29.80	50	45	SW	3	bc	2
London (Westminster)	29.77	51	45	SW	2	bc	
Yarmouth ...	29.68	47	42	W	3	b	3 *
Rochefort ...	29.97	57	54	NSW	2	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fair over western and Central Europe as a whole, but dull on our extreme north and northwest coasts, showery in the southwest of our Islands and rainy on the Kentish coast. Foggy in the north of England, as well as in many parts of Germany and eastern Russia; dull over Sweden and Northern Russia, with rain at Kuopio. Dull in Spain, rainy over northern Italy; thunderstorm reported at Palermo. Rain falling later in many parts of Western Europe, rather heavily in places. Thunderstorm occurring at Faro, and lightning seen at Skudesnaes, as well as on some parts of our south and southeast coasts.

Temperature rises in Ireland and Scotland, as well as over Southern Europe generally, fallen elsewhere. Morning readings highest 69° at Patras and Algiers, and 68° at Malta and Sfax; above 60° over the central and southern parts of the Mediterranean generally. Lowest (1) 26° at Bodö and 28° at Haparanda; (2) 26° at York and 31° at Loughborough; (3) 35° at Prague, Lyons, and Madrid. Rising during day to 50° and upwards at most of our more central and southern stations and to 60° and upwards over the southern parts of France. Sharp frost occurring at night over the central parts of England and Ireland.

Wind moderate to fresh from the N^ly in Ireland and Scotland, light from the W^ly over England and the west of France. Light from the S^ly over Central France, the Netherlands, Germany, and Russia; moderate to strong from the SW^ly in Denmark and the south of Sweden; E^ly in the west of Norway. Variable in Greece and Italy; E^ly or NE^ly over the Spanish Peninsula and the extreme south of France. No important change occurring over Western Europe during day.

Barometer highest 30·3 in: and upwards in an anticyclone lying over the south of Russia; 30·2 in: and upwards in another system over Southern Italy. Lowest 29·6 in: and less, in a large shallow depression over the North Sea. Depression subsequently moving northeastwards and becoming somewhat deeper; shallow secondary disturbances moving southwards across the north and west of our Islands.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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,, Weekly ,, ,, ,, £1 10 0 ,,

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 29th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	29.73	16	S	4	bc	29.94	+.35	16	16	-8	S	4	c	*	bc	*	29	12	-
	Hernösand ...	29.57	40	NE	2	0	29.91	+.40	33	32	-3	NNE	4	0	*	0	*	43	33	0.08
	Stockholm ...	29.67	42	S	2	0	29.92	+.40	40	39	0	Z	0	0	*	0	*	46	39	0.04
	Wisby	29.81	42	SW	8	b	29.92	+.29	40	39	-4	S	4	b	*	b	*	48	3	-
	Karlstad ...	29.64	38	SW	1	b	29.88	+.47	31	31	-12	WNW	2	f	*	r.b	*	*	*	0.08
	Bodo	29.77	28	E	4	b	29.98	+.46	27	24	-3	NE	4	b	1	b	*	30	25	-
	Christiansund ...	29.59	37	E	2	b	29.92	+.47	35	33	+1	Z	0	c	3	b	*	39	32	-
	Skudesnaes ...	29.57	41	SSW	2	c	29.77	+.31	43	41	+2	S	4	0	3	r.c	*	43	37	*
	Færder (Christiania Fjord)	29.59	46	WNW	2	b	29.88	+.50	38	37	-1	N	2	0	1	b	*	46	36	-
	Skagen (The Scaw)	29.67	42	W	3	b	29.82	+.42	45	42	+1	SE	1	bc	0	b	*	48	36	0.04
	Fanö	29.71	42	Z	0	r	29.65	+.03	40	40	-6	E	4	0	*	c	*	48	39	0.20
BRITISH ISLANDS	Sumburgh Head	29.53	36	N	3	0	29.79	+.27	40	36	+4	NE	3	c	4	0	*	40	33	0.35
	Stornoway	29.67	35	NE	4	0	29.86	+.20	36	36	-1	NNE	3	S	3	0	0.1	39	32	0.20
	Wick ...	29.57	39	N	3	0	29.75	+.16	40	40	+5	NE	3	0 phu	3	0	*	41	34	0.40
	Nairn	29.59	35	NNW	3	S	29.74	+.11	40	38	+3	NNE	3	r	3	r.s	*	40	33	0.30
	Aberdeen ...	29.58	37	NNW	2	og	29.75	+.11	34	33	-3	NW	2	b	2	ogr.og	1.0	42	32	0.01
	Leith	29.59	42	W	2	c	29.69	+.01	39	38	+3	NE	3	r	*	c	*	45	34	0.[illegible]
	Shields	29.60	39	Z	0	bm	29.64	-.08	35	35	+1	NNW	3	o p	2	c.bm	*	45	31	0.01
	Spurn Head 9AM.	29.62	44	SSW	2	c	29.56	-.19	45	43	+4	ENE	3	o	3	bc.bhr	*	47	35	0.02
	York	29.62	39	S	1	f	29.61	-.15	32	32	-3	NNW	1	b	*	of	0.0	41	30	
	Loughborough ...	29.65	41	SE	1	o	29.61	-.19	33	33	-1	WNW	1	ofw	*	bc.c.of	*	48	28	-
	Ardrossan ...	29.66	38	NNE	2	c	29.71	+.03	36	35	+1	N	2	bc	1	bc.c	*	45	33	0.02
	Malin Head ...	29.57	42	NNW	5	op	29.70	-.00	42	39	+3	E	5	cp	4	c.op	*	42	38	0.07
	Belmullet ...	29.66	41	NE	3	o	29.69	-.06	42	39	+1	E	?	p	*	c.op	*	44	36	0.31
	Donaghadee ...	29.60	39	NNW	3	c	29.65	-.09	42	40	+7	ENE	5	c	3	c	*	45	33	0.09
	Liverpool (Bidston)	29.64	40	W	1	r	29.63	-.12	32	32	-9	SE	1	f	?	b.r.f	*	45	30	0.01
	Holyhead ...	29.61	40	W	1	bc	29.60	-.15	40	38	-2	ENE	2	cm	1	bc	*	49	37	0.01
	Parsonstown ...	29.63	37	Z	0	b	29.62	-.18	36	35	+7	Z	0	m	*	o.dm	0.2	42	29	0.03
	Valencia ...	29.62	42	S	1	omr	29.61	-.20	39	37	0	NE	3	0	3	o.rm	0.1	46	35	0.28
	Roche's Point ..	29.61	44	SW	2	c	29.58	-.25	37	35	0	NE	3	c	3	c	*	47	34	-
	Pembroke (St. Ann's Hd.)	29.69	41	N	2	b	29.54	-.24	37	36	-5	E	3	c	3	b	7.0	48	36	-
	Scilly	29.62	46	NNW	3	c	29.45	-.35	46	42	-1	E	4	c	1	cp.c	6.5	50	42	-
	Prawle Point ...	29.63	42	NNW	2	0	29.52	-.29	40	38	-1	N	3	cp	2	c.tl	*	51	36	-
	Jersey (St. Aubin's)	29.64	49	NSW	2	bc	29.55	-.28	39	37	-6	NW	1	bcm	1	bc.pbw	*	54	36	0.03
	Hurst Castle ...	29.64	46	Z	0	b	?29.55	-.26	40	38	+3	NE	1	cm	1	c.b	*	54	36	-
	Dungeness ...	29.63	47	NNW	1	bc	29.52	-.28	39	39	+1	N	3	m	1	bc	*	52	37	0.02
	North Foreland	29.66	45	SE	1	c	29.53	-.30	46	44	+5	NNE	3	o tlr	2	bc.c	*	49	40	0.33
	London (Brixton) ...	29.66	43	Z	0	m	29.59	-.21	31	?	0	Z	0	f	*	bc.bf	3.2	49	31	-
	Oxford	29.63	40	SW	1	0	29.60	-.22	33	33	+3	NNW	1	f	*	f.bc.fhr	*	49	30	0.15
	Cambridge ...	29.66	41	SW	1	om	29.58	-.24	33	32	+2	SW	1	f	*	bc.om	5.4	50	29	-
	Yarmouth ...	29.66	43	SSW	2	b	29.53	-.25	44	42	+6	SE	1	cv	3	b	*	46	35	-
GERMANY & HOLLAND	Cuxhaven ...	29.72	45	SSW	1	0	29.46	-.31	43	43	+3	ENE	6	r	*	0	*	48	37	0.28
	Berlin	29.82	46	ESE	1	0	29.46	-.53	46	45	+6	ESE	4	0	*	0	*	48	40	-
	Wiesbaden ...	*	*	*	*	*	29.26	-.72	48	46	+6	NE	1	c	*	*	*	50	42	0.32
	Munich... ..	29.66	42	SW	4	b	29.41	-.64	52	48	+13	E	4	c	*	b	*	63	39	-
	The Helder ...	29.71	41	Z	0	b	29.46	-.31	42	40	-5	NE	5	r	2	b	*	48	39	0.12
BELGIUM	Brussels ...	*	*	*	*	*	29.44	-.46	37	37	0	NW	5	r	*	0	*	49	37	0.[illegible]
	Cape Gris Nez...	29.63	44	S	1	c	29.48	-.30	45	42	+3	N	4	r	4	c	*	48	41	0.08
	Paris	29.63	45	ENE	1	0	29.58	-.33	41	41	0	NSW	2	0	*	0	*	49	41	0.69
	Brest	29.65	46	NW	1	bc	29.48	-.37	46	44	0	SE	3	c	3	bc	*	54	37	0.04
	Lorient... ...	29.57	48	ENE	2	0	29.45	-.41	50	49	+8	SSW	2	0	2	0	*	52	?	0.08
FRANCE	Rochefort ...	29.64	48	NE	4	r	29.67	-.19	46	46	-2	S	4	c	*	r	*	54	43	0.85
	Belfort	29.65	44	ENE	4	r	29.49	-.46	37	37	-7	W	8	r	*	r	*	48	37	0.55
	Lyons ... † ...	29.47	57	NSW	1	r	29.75	-.18	37	37	-9	E	1	m	*	r	*	67	37	1.18
	Nice	29.79	57	E	4	0	29.62	-.45	58	58	+9	SW	2	r	5	0	*	61	40	0.59
	Perpignan ...	29.44	61	NE	3	0	29.74	-.03	48	45	-9	W	2	0	*	0	*	68	46	0.24
	Biarritz ...	29.56	51	NW	2	r	29.72	-.03	50	45	+3	SW	4	0	3	r	*	52	45	3.08
PENINSULA	Corunna ...																*			
	Lisbon	30.01	52	WNW	4	b	30.01	+.36	54	49	-1	W	4	bc	*	b	*	59	50	-
	Azores (P. Delgada)	30.15	59	NE	3	bc	30.15	+.09	59	54	0	NE	4	bc	4	bc	*	66	55	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

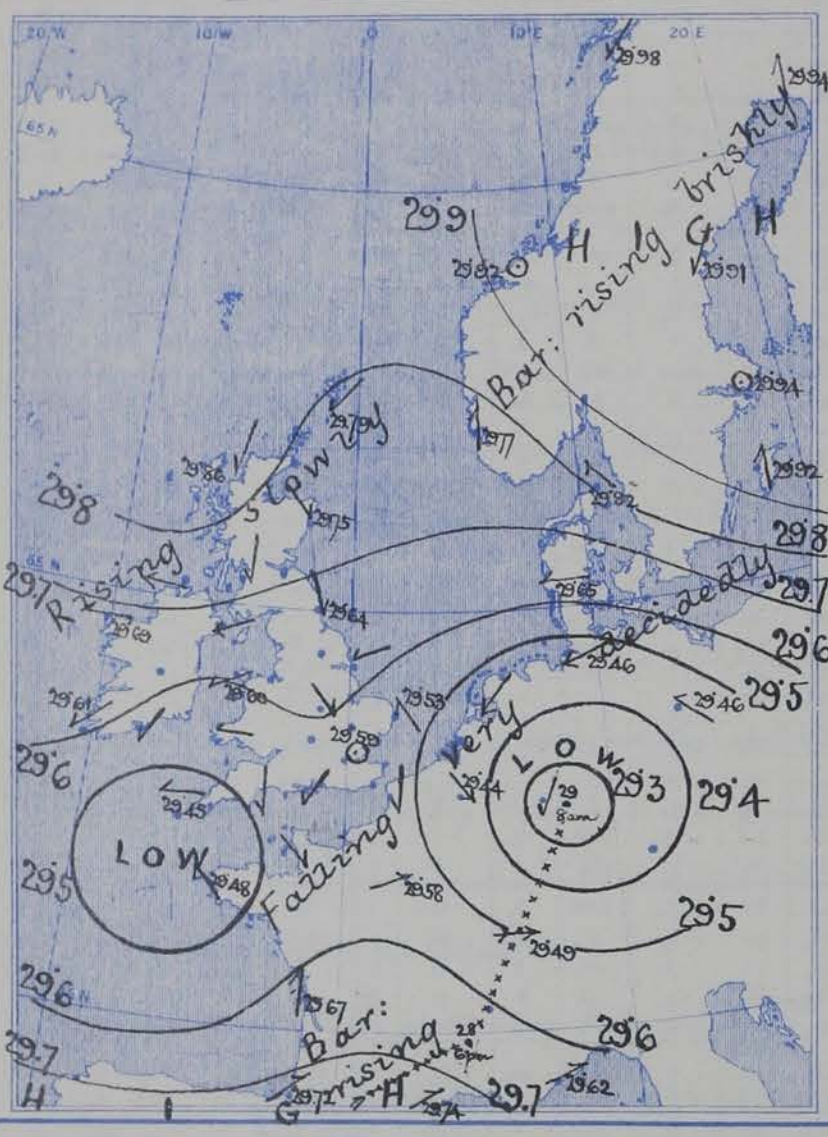
Bright Sunshine yesterday Southport 2.7 hrs; Eastbourne 5.6 hrs; Hastings 5.9 hrs. Brighton 7.6 hrs.

WEATHER CHARTS

FOR Thursday, 29th October, 1896.

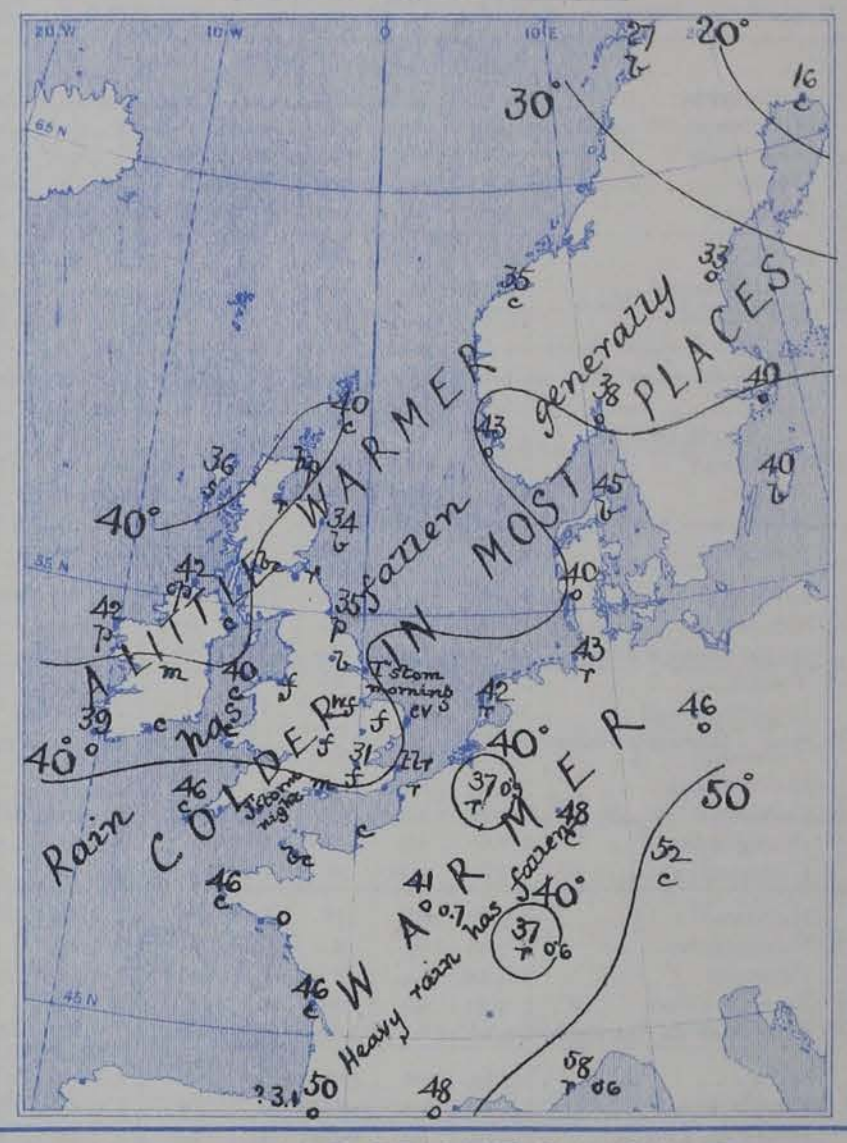
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 8 to 10* ; *Force 5 to 7* ; *Force 1 to 4* ; Calm ⊙
SEA—*Rough* ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF OCTOBER.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 ins. and upwards over the S. of Portugal, 29.9 ins. and upwards over the greater part of Scandinavia. Lowest 29.3 ins. and less in a depression over western Germany; 29.5 ins. and less in another disturbance lying off the mouth of the English Channel.
Gradients slight. Barometer rising over Scandinavia and the north of our Islands, as well as in the southwest of France, falling elsewhere, – quickly in Germany.

TEMPERATURE

Highest 58° at Nice, 54° at Lisbon, 52° at Munich, 50° at Lorient and Biarritz, and 48° at Wiesbaden & Perpignan.
Lowest (1) 16° at Haparanda, 27° at Bodö, 31° at Karlstad, and 33° at Hernösand; (2) 31° in London, and 32° at York and Liverpool.
Frost occurred last night in many parts of Gt. Britain; at Oxford the thermometer on the grass fell to 27°.

WIND

E. or NE. over the greater part of our Islands, and also on the eastern and southern shores of the North Sea; fresh or strong in force in the N. of Ireland, as well as in Holland and N. Germany.
Light from the W. in the extreme S. of England, W. in the E. and S. of France, with a gale at Belfort.
S. (SW. to SE.) in the west of France; rather variable at the Scandinavian stations.

WEATHER

Cloudy or dull over W. Europe generally, with fog over the inland parts of England, showers at several of our N. stations (of snow and hail in the N. of Scotland) and steady rain over the Netherlands and N. Germany, as well as at Belfort and Nice. A thunderstorm is reported at the N. Foreland.
Rain fell yesterday in many parts of our area, the largest amounts being 3.1 ins. at Biarritz, 0.9 in. at Brussels, and 0.7 in. at Paris. Thunderstorms have occurred at Spurn Hd. and Prawle Point.

SEA

Slight or smooth generally, but rather rough at Nice.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Germany appears to have advanced quickly from the SW.; its centre being shown yesterday morning over the SW. of Spain, and last evening over the south of France.

The disturbance near the mouth of the Channel has apparently been formed during the night. Its centre seems likely to move slowly E.wds., and freshening NE. winds are probable on many parts of our coasts, with rain in most districts.

FORECASTS

For the 24 hours ending at NOON on 30TH OCTOBER, 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NE. winds, moderate, unsettled, some cold showers.
1 SCOTLAND EAST	
2 ENGLAND N.E.	NE. winds, freshening; unsettled, some rain.
3 ENGLAND EAST	
4 MIDLAND COUNTIES	N. & E. winds, freshening, dull, unsettled, some rain.
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as No. 2 and 3.
7 ENGLAND N.W.	
8 ENGLAND S.W.	E. and NE. winds, freshening; cloudy, some showers.
9 IRELAND NORTH	
10 IRELAND SOUTH	
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.52	40	38	NNW	4	r	2
Sumburgh Head	29.51	37	35	N	3	0	4
Stornoway	29.64	39	38	NE	4	0	4
Aberdeen	29.58	40	38	NW	3	ogr	2
Shields	29.63	43	41	NSW	2	c	2
Ardrossan	29.60	44	43	W	0	bc	0
Malin Head ...	29.61	41	40	SW	3	c	2
Belmullet	29.70	?44	42	ESE	1	c	*
Holyhead	29.67	45	44	W	2	bc	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.67	46	43	SE	2	o	3
Scilly	29.69	49	45	WNW	4	cp	2
Jersey	29.70	53	48	W	3	bc	3
Hurst Castle ...	29.69	53	48	SW	1	c	1
Dungeness ...	29.69	51	46	NW	1	bc	1
North Foreland	29.73	48	44	SW	1	bc	1
London (Westminster)	29.69	49	43	WNW	1	bc	
Yarmouth ...	29.71	46	43	SSE	2	b	3 *
Rochefort ...	29.71	50	50	ENE	3	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the United Kingdom as a whole, but foggy over central England and dull on our extreme western and northern coasts, with showers at Valencia (Ireland). Fine in many parts of Germany and Italy, but foggy in Austria, and cloudy in most of the Continental countries, with rain in Spain and the south of France, as well as at Florence. Showers falling later in many parts of the United Kingdom, and considerable amounts of rain at the French and Belgian stations. Thunderstorms occurring at night or early next morning at Spurn Hd. and Prawle Pt.

Temperature fallen in most of the western and northern countries, and also in Russia, but risen elsewhere. Morning readings highest 75° at Algiers, 72° at Malta and Spezia, and 68° at La Calle; above 60° at the Mediterranean stations generally. Lowest (1) 24° at Haparanda, 30° at Bodö, and 34° at Christiansund; (2) 29° at Parsonstown, 30° at Oxford, and 31° in London and at Cambridge. Daily maxima below 45° at many of our northern stations, and below 50° in all but the extreme S. parts of the Kingdom. Thermometer exceeding 60° in the southern parts of France and Germany, and reaching 68° at Perpignan. Frost occurring over Gt Britain at night.

Wind light from the W. or NW. over the greater part of our Islands, but calm or variable over central England. Moderate to strong from the SW. over Denmark, N. Germany, the Baltic and central Russia; calm or variable over the N. parts of Russia and Scandinavia. SE. over the southern parts of Russia and Germany; N. in Italy; E. over Spain and the W. and S. of France. Subsequently veering to the NE. on our extreme northwest coasts. Shifting to the S. in the S. of Ireland, but to the N. in the west of France.

Barometer highest 30.2 ins. and upwards over Austria, the south of Russia and the Black Sea. Lowest 29.4 ins. and less in a depression having its centre over the Christiania Fiord; 29.6 ins. and less in another disturbance over the SW. of Spain. Former system filling up later. Spanish disturbance moving quickly NE. to central France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 30th October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·11	18	N	2	c	30·06	+·12	10	10	-6	x	0	m	*	c	*	27	10	-
	Hernösand ...	30·07	28	N	4	bc	30·12	+·21	30	28	-3	NW	4	b	*	bc	*	39	27	-
	Stockholm ...	29·92	39	NE	6	r	29·83	-·09	42	41	+2	NE	6	r	*	r	*	43	37	0·28
	Wisby	29·72	46	E	8	r	29·72	-·20	49	48	+9	ESE	4	o	*	r	*	49	36	0·16
	Karlstad ...	29·92	38	ENE	6	o	29·87	-·01	34	33	+3	NE	6	o	*	o.s	*	*	*	0·04
	Bodö	30·15	24	NE	4	b	30·45	+·07	30	26	+3	ESE	2	S	1	b	*	?	21	-
	Christiansund ...	30·15	39	ESE	2	bc	30·12	+·20	33	30	-2	ESE	6	b	3	bc	*	39	32	-
	Skudesnaes ...	29·84	40	WNW	1	o	29·72	-·05	38	37	-5	N	6	o	2	c.o	*	45	36	*
	Færder (Christiania Fjord)	29·87	38	NNE	6	o	29·79	-·09	37	36	-1	NNE	6	o	2	o	*	39	37	0·24
	Skagen (The Scaw)	29·63	42	NE	9	r	29·64	-·18	44	44	-1	ESE	8	o	3	r	*	45	41	0·55
	Fanö	29·26	44	E	6	c	29·47	-·18	46	44	+6	SW	7	c	*	r.c	*	48	40	0·83
	Sumburgh Head	29·94	43	NE	3	o	29·93	+·14	41	36	+1	N	4	o	5	c.o	*	45	38	0·01
	Stornoway ...	29·98	43	ENE	3	o														
	Wick	29·91	40	N	5	o	29·96	+·21	38	34	-2	N	4	c	3	sp	*	45	37	0·10
	Nairn	29·90	41	ENE	3	o	29·99	+·25	40	38	0	ENE	2	c	3	c.hrs	*	43	37	0·40
	Aberdeen ...	29·87	38	NW	2	b	29·90	+·15	41	37	+7	NW	4	cq	4	bc.b.r	5·4	46	33	0·05
	Leith	29·82	41	ENE	3	c	29·93	+·14	41	39	+2	N	4	b	*	c	*	44	36	0·26
	Shields	29·74	40	NNW	2	thp	29·84	+·20	40	39	+5	NW	3	ohrp	3	thp.tlr	*	46	34	0·22
	Spurn Head ...	29·67	44	NNE	3	r	29·78	+·22	42	41	-3	NNW	4	c	4	o.or	*	46	40	0·49
	York	29·71	40	ENE	1	r	29·83	+·22	37	36	+5	N	1	bc	*	o.r	0·2	44	32	0·24
	Loughborough ...	29·70	40	N	2	o	29·81	+·20	37	37	+4	NNW	1	cmw	*	f.c.o.cm	*	41	33	-
BRITISH ISLANDS.	Ardrossan ...	29·77	39	NNE	2	bm	29·94	+·23	42	40	+6	NNE	1	bcm	1	b.bm	*	42	34	-
	Malin Head ...	29·83	43	NE	5	oq	29·97	+·27	44	42	+2	NE	5	c	2	c.oq	*	44	40	0·10
	Belmullet ...	29·87	44	NW	5	bc	30·01	+·22	46	42	+4	ENE	3	c	*	cq.fp.bc	*	46	38	0·10
	Donaghadee ...	29·81	44	NE	5	c	29·94	+·29	44	42	+2	NE	6	bc	4	c	*	45	40	-
	Liverpool (Bidston)	29·73	40	NE	1	c	29·85	+·22	37	35	+5	NE	1	b	?	f.c.l	*	42	31	-
	Holyhead ...	29·71	44	NE	3	cp	29·85	+·25	45	43	+5	NE	3	c	2	cf.cp	*	45	39	0·03
	Parsonstown ...	29·77	38	W	0	b	29·92	+·30	37	36	+1	N	1	c	*	o.b.d	0·0	41	33	0·02
	Valencia ...	29·75	42	NNE	5	cq	29·90	+·29	40	36	+1	NE	3	cm	3	c.cq	2·4	43	37	-
	Roche's Point ..	29·68	41	NE	4	b	29·81	+·23	41	39	+4	NE	4	bc	4	b	*	45	35	-
	Pembroke (St. Ann's Hd.)	29·63	43	E	4	b	29·75	+·21	39	38	+2	E	4	b	4	b	5·9	45	36	-
	Scilly	29·43	48	NE	6	o	29·55	+·10	47	45	+1	NE	6	o	4	c.o	2·8	49	44	0·30
	Prawle Point ...	29·55	47	E	5	c	29·60	+·08	45	44	+5	ENE	7	oq	6	h.qp	*	51	36	0·61
	Jersey (St. Aubin's)	29·54	50	ESE	6	cq	29·54	-·01	44	44	+5	ENE	6	om	4	b.cq	*	51	38	0·02
	Hurst Castle ...	29·64	46	NE	3	bcu	29·69	+·14	42	40	+2	ENE	4	cm	3	c.p	*	50	38	0·06
	Dungeness ...	29·64	47	ENE	1	b	29·71	+·19	48	45	+9	ESE	4	bc	3	b	*	53	39	-
	North Foreland	29·66	43	W	1	bc	29·73	+·20	47	45	+1	SE	3	b	2	bc	*	48	40	-
	London (Brixton) ...	29·69	40	NE	1	cm	29·76	+·17	35	35	+4	NE	1	cm	*	f.bm	0·0	41	31	-
	Oxford	29·73	34	NE	1	f	29·79	+·19	36	36	+3	NE	2	o	*	bc.f	*	47	33	-
	Cambridge ...	29·69	37	NNW	1	b	29·81	+·23	32	32	-1	N	1	b	*	b	5·0	46	30	-
	Yarmouth ...	29·63	44	NNW	1	b	29·76	+·23	38	37	-6	NNW	2	bcf	4	b	*	47	34	0·03
GERMANY & HOLLAND.	Cuxhaven ...	29·31	43	SSW	5	o	29·67	+·21	41	41	-2	SW	4	b	*	ro	*	48	39	0·34
	Berlin	29·63	50	WNW	4	c	29·86	+·40	42	40	-4	S	2	o	*	c	*	57	41	-
	Wiesbaden ...	*	*	*	*	*	29·85	+·59	34	32	-14	SW	1	b	*	*	*	50	34	-
	Munich... ..	29·82	42	SW	2	bc	29·86	+·45	38	37	-14	E	3	b	*	bc	*	52	34	-
	The Helder ...	29·58	46	NW	5	bc	29·75	+·29	47	43	+5	NW	2	b	1	bc	*	48	42	0·43
BELGIUM.	Brussels ...	*	*	*	*	*	29·80	+·36	36	34	-1	ESE	1	c	*	o	*	48	36	-
	Cape Gris Nez ...	29·64	45	SW	1	bc	29·69	+·21	37	37	-8	SE	2	bc	2	bc	*	48	36	-
	Paris	29·71	41	SE	1	bc	29·66	+·08	37	36	-4	ENE	2	bc	*	bc	*	51	37	-
	Brest	29·31	46	ESE	6	r	29·38	-·10	46	45	0	E	4	r	3	r	*	48	41	1·38
	Lorient... ...	29·38	47	S	6	o	29·37	-·08	46	44	-4	ESE	6	o	3	o	*	50	41	0·79
FRANCE &	Rochefort ...	29·57	53	S	6	o	29·51	-·16	46	45	0	SE	5	r	*	c.o	*	57	43	1·38
	Belfort	29·19	37	W	0	S	29·83	+·34	33	33	-4	E	2	o	*	S	*	41	31	
	Lyons	29·79	41	E	1	b	29·68	-·07	43	41	+6	NE	1	o	*	b	*	47	36	0·04
	Nice	29·78	50	W	5	c	29·88	+·26	45	42	-13	ESE	4	c	4	c	*	61	43	0·04
	Perpignan ...	29·73	49	E	2	b	29·58	-·16	52	45	+4	NNE	3	b	*	b	*	54	41	0·08
	Biarritz ...	29·56	55	S	6	o	29·50	-·22	52	44	+2	S	5	b	3	o	*	57	50	
PENINSULA.	Corunna ...																*			
	Lisbon	29·87	55	W	5	bc	29·84	-·17	53	51	-1	WNW	3	o	*	bc	*	61	52	0·24
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

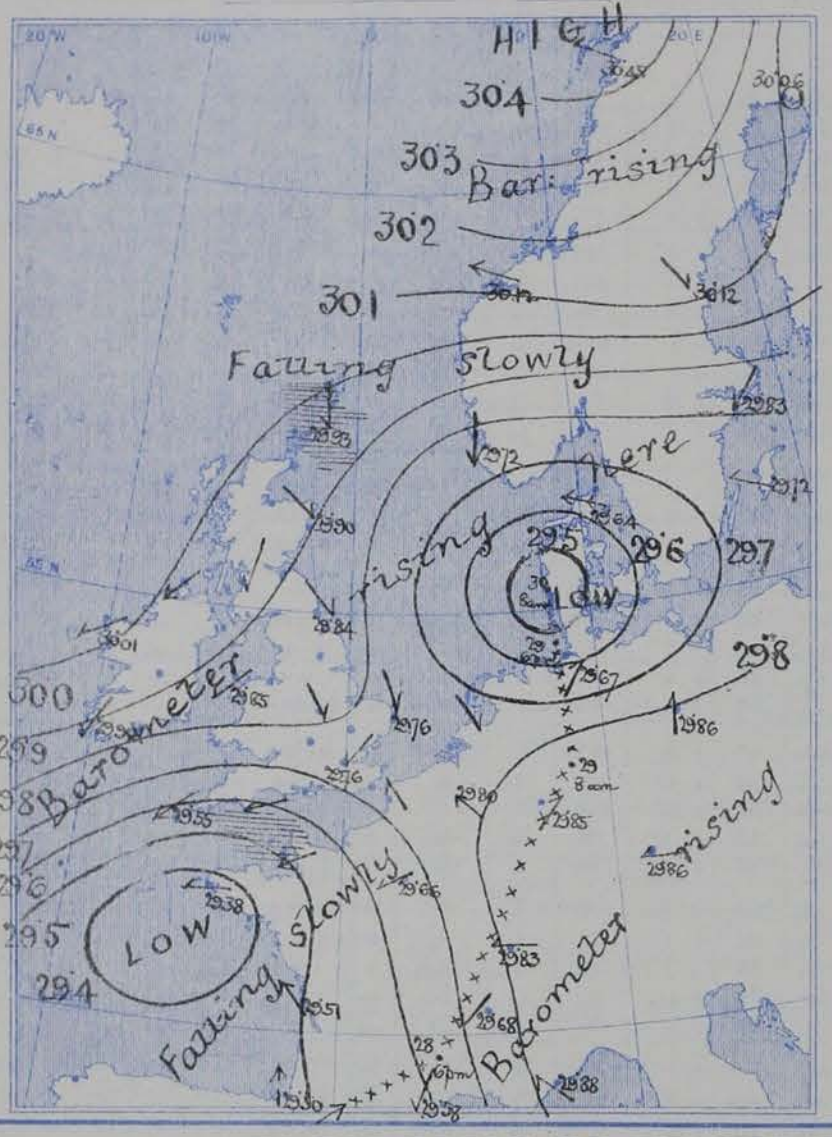
Bright Sunshine yesterday Southport 0·2 hrs; Eastbourne 3·7 hrs: Hastings ? Brighton 3·3 hrs.

WEATHER CHARTS

FOR Friday, 30th October, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF OCTOBER.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of: Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Absolute Extremes: Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	63	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·919	51·0	49·6	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	30
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·0	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·4 ins. and upwards in an anticyclone lying off the northwest of Norway.
Lowest 29·4 ins. and less in a depression over the northern parts of the Bay of Biscay; 29·5 ins. and less in another disturbance over Denmark.
Gradients moderate over the English Channel and also over Scandinavia and Denmark, but slight elsewhere.
Barometer falling in France, and also in Norway and the extreme N. of Scotland, rising in most parts of our area.

TEMPERATURE

Highest 52° at Biarritz and Perpignan, 48° at Dungeness, 47° at Scilly, the N. Foreland and the Helder, and 46° at Fanö, Brest, Lorient and Rochefort.
Lowest (1) 10° at Haparanda, and 30° at Bodö and Hernösand; (2) 32° at Cambridge, and 35° in London; (3) 33° at Belfort, and 34° at Wiesbaden.
Frost was again experienced last night in many parts of the Kingdom; the lowest readings reported being:—(1) In the screen 30° at Cambridge and 31 in London; (2) On the grass 28° at Loughborough.

WIND

Fresh or strong from the S. wd. or SE. wd. in the west of France and from the NE. wd. in the west and southwest of our Islands. Light or moderate from the E. wd. over the southeast of England, the Netherlands & the E. of France. Moderate from the N. wd. or NW. wd. on our north and east coasts; strong from SW. over the southern parts of Denmark, but from the E. wd. or NE. wd. over the N. of Denmark and the S. of Scandinavia, with a gale at the Skaw.

WEATHER

Fine over the greater part of our Islands, as well as in the Netherlands, Germany and the E. and S. of France. Dull over the Bay of Biscay and the western part of the Channel, with rain at Brest & Rochefort; dull also in Scandinavia and Denmark, with rain at Stockholm and snow at Bodö.
Rain again fell yesterday in many parts of our area, the largest amounts being 1·4 ins. at Brest and Rochefort, 0·8 in. at Fanö and Lorient, and 0·6 in. at Skagen and Prawle Pt. A thunderstorm occurred at Shields at 3 pm.

SEA

Moderate or slight generally, but rough at Prawle Pt., and rather rough at Sandwich Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the Bay of Biscay appears to be moving S. wds. or SE. wds. The other disturbance over Denmark may possibly travel NW. wds., and occasion freshening N. winds on our northern coasts.

FORECASTS

For the 24 hours ending at NOON on 31ST OCTOBER 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	N. winds, freshening unsettled, some cold showers.
2 ENGLAND N.E. 3 ENGLAND EAST	NW. winds, moderate or fresh, fair at first, some showers later.
4 MIDLAND COUNTIES ↑ ENGLAND SOUTH	E. to variable breezes, fair generally, but local fogs, frost at night.
6 SCOTLAND WEST	N. winds, light or moderate, fine at first, some showers later.
7 ENGLAND N.W.	NE. to N. winds, light, fair generally, but local fogs.
↑ 8 ENGLAND S.W.	NE. winds, strong; fair generally.
9 IRELAND NORTH	NE. to N. winds, fresh, fine at first, some showers later.
10 IRELAND SOUTH	NE. winds, moderate, fair generally.
WARNINGS	At 7.5 pm yesterday to districts 3, 5 and part of 8. Hoist North Cone. The signals have been lowered this morning in district 3.

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·86	44	40	NE	4	c	3
Sumburgh Head	29·91	44	41	NE	3	c	4
Stornoway	29·90	42	41	ENE	3	c	3
Aberdeen	29·82	44	40	NNE	2	bc	3
Shields	29·70	42	41	NNW	3	rhp	3
Ardrossan	29·77	42	41	NNE	2	b	1
Malin Head ...	29·79	44	40	ENE	4	c	3
Belmullet	29·82	45	41	NE	5	c qp	*
Holyhead	29·67	44	42	ENE	3	cf	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·68	42	39	NNE	5	c	5
Scilly	29·45	49	45	ENE	5	o	2
Jersey	29·54	51	46	SE	5	b	3
Hurst Castle ...	29·50	49	45	E	3	cu	2
Dungeness ...	29·59	50	47	L	0	c	0
North Foreland	29·63	47	44	NW	2	bc	2
London (Westminster)	29·62	43	41	L	0	f	*
Yarmouth ...	29·59	47	44	NW	2	b	3
Rochefort ...	29·64	55	53	S	4	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull over the greater part of our Islands and the Continent. Fog reported over the inland parts of England, and rain, hail or snow at several of our northern stations; rain falling also over Denmark, N. Germany, the Netherlands and the E^rn parts of France, as well as at Turin and Trieste. Fine over the central and S^rn parts of Russia, but with fog in places. Rain falling later in many parts of W^rn Europe, — heavily in Denmark and also in the west of France; thunder and lightning reported over the N. of England

Temperature risen in Germany, Austria and Italy, changed rather irregularly elsewhere. Morning reading highest 73° at Malta, 68° at La Calle and Spezia, and 67° at Leghorn, Cagliari and Tunis; above 60° at the Mediterranean and Adriatic stations generally. Lowest (1) 16° at Haparanda, ~~and~~ 27° at Bodö, 31° at Carlstad; (2) 31° in London, 32° at York and Liverpool. Daily maxima below 45° at many of our own W^rn and N^rn stations, and also in London; thermometer exceeding 55° in the S. of France, and reaching 61° at Nice. Frost occurring in many parts of our Islands at night.

Wind light to moderate from the E^ndly or NE^ndly over the greater part of our Islands, and fresh or strong from the same quarters over Denmark, Holland and N. Germany. W^ly over the E. and S. of France, S^ly in Italy, and SE^ly over Austria, E^rn Germany and the S. of Russia. SW^ly over the northern and central parts of Russia, variable in Scandinavia. Subsequently increasing to a strong breeze from the S^ndly in the west of France, and from the E^ndly over the western parts of the Channel.

Barometer highest 30·2 ins. over the Black Sea and the S. of Russia; 30·0 ins. and upwards over Morocco and the S. of Spain. Lowest 29·3 ins. and less in a well marked depression over W^rn Germany; 29·5 ins. and less in a shallower system lying off the mouth of the English Channel. German depression subsequently moving slowly N^wds; Channel depression remaining stationary and growing deeper.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 31st October, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30.02	16	NE	8	b	29.75	-.31	32	32	+22	NE	0	c	#	b	#	?	7	-
	Hernösand ...	30.10	28	NW	4	c	29.87	-.25	25	24	-5	NW	2	bc	#	c	#	32	25	-
	Stockholm ...	29.88	42	NE	4	r	29.91	+.08	39	38	-3	NW	2	o	#	r	#	43	39	0.51
	Wisby	29.82	48	SE	4	f	29.88	+.16	44	44	-5	N	4	o	#	f	#	50	41	0.04
	Karlstad ..	29.94	37	ENE	2	r	29.95	+.08	35	34	+1	NNE	2	o	#	r	#	#	#	0.04
	Bodö	29.88	35	SW	6	o	29.72	-.73	37	36	+7	SW	8	r	5	o	#	37	27	0.04
	Christiansund ...	29.96	33	ESE	3	b	29.92	-.20	31	30	-2	NE	0	bc	2	b	#	36	28	-
	Skudesnaes ...	29.65	43	ESE	6	bc	29.85	+.13	44	41	+6	SE	4	c	2	o.bc	#	45	38	#
	Færder (Christiania Fjord)	29.82	40	ENE	6	o	29.92	+.13	38	37	+1	NE	2	o	1	o	#	41	37	0.28
	Skagen (The Scaw)	29.80	46	SSW	2	bc	29.90	+.26	39	38	-5	NE	0	b	0	bc	#	48	36	0.08
	Fanö	29.76	43	WSW	4	b	29.81	+.34	39	38	-1	SE	2	c	#	b	#	46	37	-
	Sumburgh Head	29.85	41	NE	5	o	29.90	-.03	41	38	0	N	1	o	4	o	#	44	39	-
	Stornoway ...	30.03	41	N	3	o	30.00	-.06	37	37	0	N	3	o	3	c, o	4.5	43	35	0.10
	Wick	29.87	38	N	7	o	29.90	-.06	43	42	+5	N	4	c	2	o	#	43	36	-
	Nairn	29.91	40	NNE	2	c	29.91	-.08	40	40	0	NNE	2	o	2	c	#	42	37	-
	Aberdeen ...	29.82	40	NW	5	cqprh	29.82	-.08	43	41	+2	NW	5	cqp	5	oqprhr	0.4	43	37	0.06
BRITISH ISLANDS.	Leith	29.88	41	ENE	1	c	29.82	-.11	42	40	+1	NNW	3	om	#	c	#	47	39	-
	Shields	29.80	40	NNW	3	o	29.71	-.13	41	40	+1	NW	2	op	4	c+hp	#	46	37	0.21
	Spurn Head ...	29.77	43	NNW	3	b	29.68	-.10	39	38	-3	NNW	3	bc	4	b.p	#	46	36	-
	York	29.80	40	N	1	b	29.73	-.10	34	33	-3	NW	1	b	#	b	4.2	47	31	-
	Loughborough ...	29.81	40	NNE	1	c	29.75	-.06	27	27	-10	WNW	1	bm	#	bc.c.bm	#	48	26	-
	Ardrossan ...	29.90	40	NNE	2	om	29.85	-.09	43	42	+1	NNW	2	b	1	bcm,om	#	47	38	-
	Malin Head ...	29.96	43	N	5	op	29.89	-.08	43	42	-1	NE	5	op	3	c.op	#	45	41	0.03
	Belmullet ...	30.05	44	NNE	4	b	29.99	-.02	44	40	-2	NNE	2	c	#	bc, b	#	49	38	0.03
	Donaghadee ...	29.92	45	NNE	5	c	29.85	-.09	45	42	+1	NNE	6	c	4	c	#	47	42	0.01
	Liverpool (Bidston)	29.84	41	N	3	o	29.79	-.06	37	35	0	NNE	1	c	1	bc, o	#	46	35	-
	Holyhead ...	29.86	46	NNE	4	c	29.79	-.06	45	41	0	NNE	4	c	3	bc, c	#	47	40	-
	Parsonstown ...	29.96	37	NE	0	b	29.91	-.01	33	32	-4	NE	0	c	#	b	6.6	47	30	-
	Valencia ...	29.98	44	NNE	4	b	29.95	+.05	44	40	+4	NE	3	c	3	bv, b	5.9	47	39	-
	Roche's Point ..	29.90	43	NE	3	b	29.90	+.09	38	36	-3	N	4	b	3	b	#	49	35	-
	Pembroke (St. Ann's Hd.)	29.79	44	ENE	4	bc	29.77	+.02	39	38	0	E	3	b	2	bc	1.6	46	37	-
	Scilly	29.67	48	NNE	6	bc	29.72	+.17	45	43	-2	NNE	4	c	2	c.tlr	4.2	50	42	0.03
	Prawle Point ...	29.68	43	NNE	5	c	29.71	+.11	36	35	-9	NNE	4	c	3	cq	#	48	34	-
	Jersey (St. Aubin's)	29.58	45	ENE	4	r	29.62	+.08	46	44	+2	NE	4	cq	3	or,q	#	48	42	0.39
	Hurst Castle ...	29.68	46	NE	4	bc	29.67	-.02	36	35	-6	N	3	bcm	2	bc	#	50	35	-
	Dungeness ...	29.62	50	ENE	6	c	29.57	-.14	44	43	-4	N	3	o	2	c	#	51	42	0.32
	North Foreland	29.68	50	E	6	o	29.53	-.20	44	44	-3	N	6	rq	5	bc, o	#	50	42	0.44
	London (Brixton) ...	29.73	44	ENE	4	o	29.67	-.09	38	37	+3	NNE	3	b	#	bc, c, b	0.5	49	35	-
	Oxford	29.76	38	NE	2	b	29.72	-.07	32	32	-4	N	2	b	#	b	#	49	31	-
	Cambridge ...	29.76	40	N	2	b	29.69	-.12	32	32	0	N	3	b	#	b	4.7	49	30	-
	Yarmouth ...	29.74	46	NNE	3	b	29.63	-.13	44	42	+6	NE	4	r	4	b	#	48	36	0.04
GERMANY & HOLLAND.	Cuxhaven ..	29.77	43	SW	1	b	29.71	+.04	41	41	0	ENE	4	c	#	b	#	46	37	-
	Berlin	29.87	44	SE	2	b	29.80	-.06	40	39	-2	ESE	4	o	#	b	#	50	37	-
	Wiesbaden ...	#	#	#	#	#	29.74	-.11	42	40	+8	E	1	o	#	#	#	48	34	-
	Munich... ..	29.77	37	SE	3	b	29.80	-.06	36	36	-2	N	5	c	#	b	#	46	32	-
	The Helder ...	29.75	43	SSE	1	b	29.63	-.12	42	41	-5	E	1	r	1	b	#	48	43	0.20
BELGIUM.	Brussels ...	#	#	#	#	#	29.66	-.14	42	41	+6	SE	3	r	#	r	#	48	36	0.28
	Cape Gris Nez...	29.62	44	E	4	c	29.54	-.15	42	42	+5	SE	2	r	4	c	#	46	37	0.89
	Paris	29.58	42	SW	1	o	29.62	-.04	39	39	+2	SSE	2	m	#	o	#	46	35	0.04
	Brest	29.52	46	ENE	4	c	29.63	+.25	46	43	0	NNE	3	c	3	c	#	52	39	0.12
	Lorient... ...	29.41	46	S	5	o	29.49	+.12	45	44	-1	NNE	4	o	4	o	#	50	43	0.47
FRANCE &	Rochefort ...	29.53	54	S	5	r	29.44	-.07	54	54	+8	SW	7	r	#	c, rtl	#	57	46	0.55
	Belfort	29.67	41	ENE	1	m	29.75	-.08	39	38	+6	NE	0	o	#	m	#	45	33	0.43
	Lyons	29.63	51	S	3	r	29.75	+.07	41	40	-2	N	1	m	#	tlr	#	54	40	2.52
	Nice	29.89	50	E	5	r	29.79	-.09	49	49	+4	E	2	f	4	tlr	#	57	45	0.95
	Perpignan ...	29.63	56	SE	3	b	29.63	+.05	40	38	-12	N	2	b	#	b	#	68	38	-
	Biarritz ...	29.54	55	S	5	b	29.60	+.10	50	46	-2	SSW	4	bc	3	b	#	59	48	-
PENIN-SULA.	Corunna ...																#			
	Lisbon	29.88	51	WNW	4	o	29.85	+.01	53	48	0	WSW	3	c	#	o	#	59	50	0.08
	Azores (P. Delgada)	30.08	62	ESE	4	c	30.02	-.08	63	59	+6	ESE	4	c	4	c	#	64	57	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

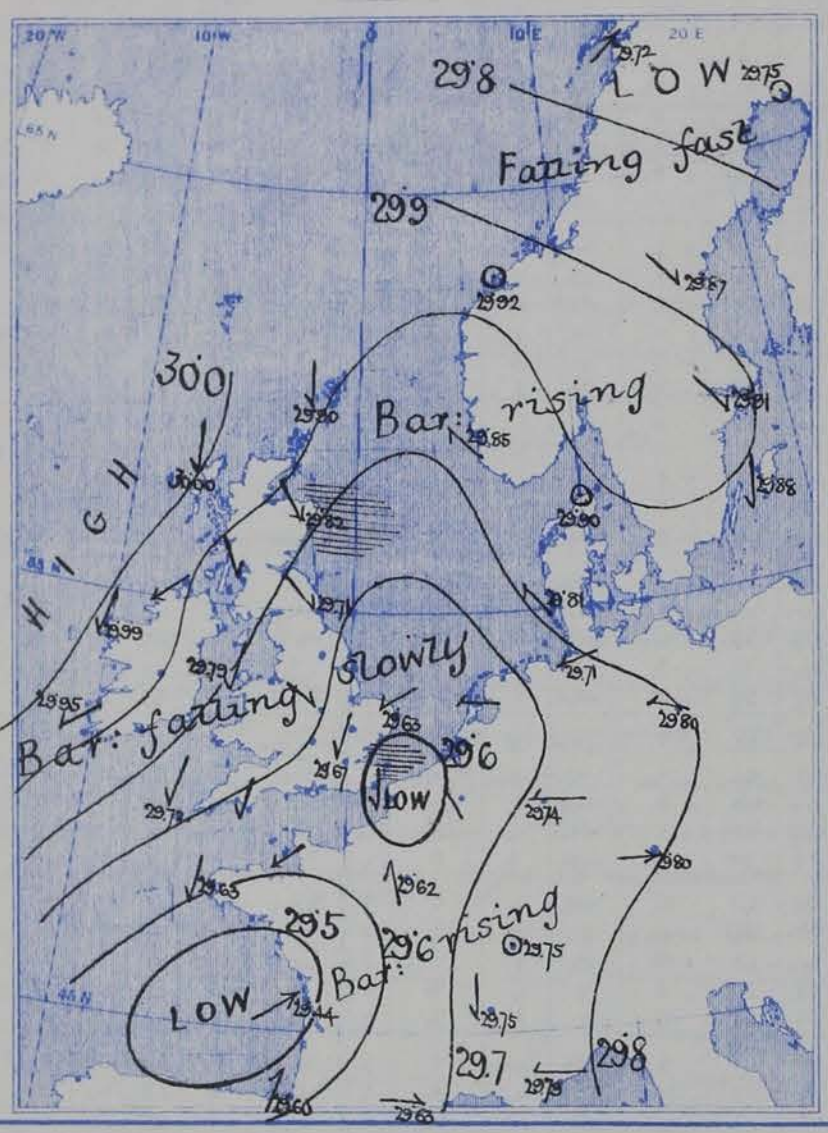
Bright Sunshine yesterday Southport 6.5 hrs; Eastbourne 6.3 hrs; Hastings 6.6 hrs, Brighton 6.5 hrs.

WEATHER CHARTS

FOR Saturday, 31st October, 1896.

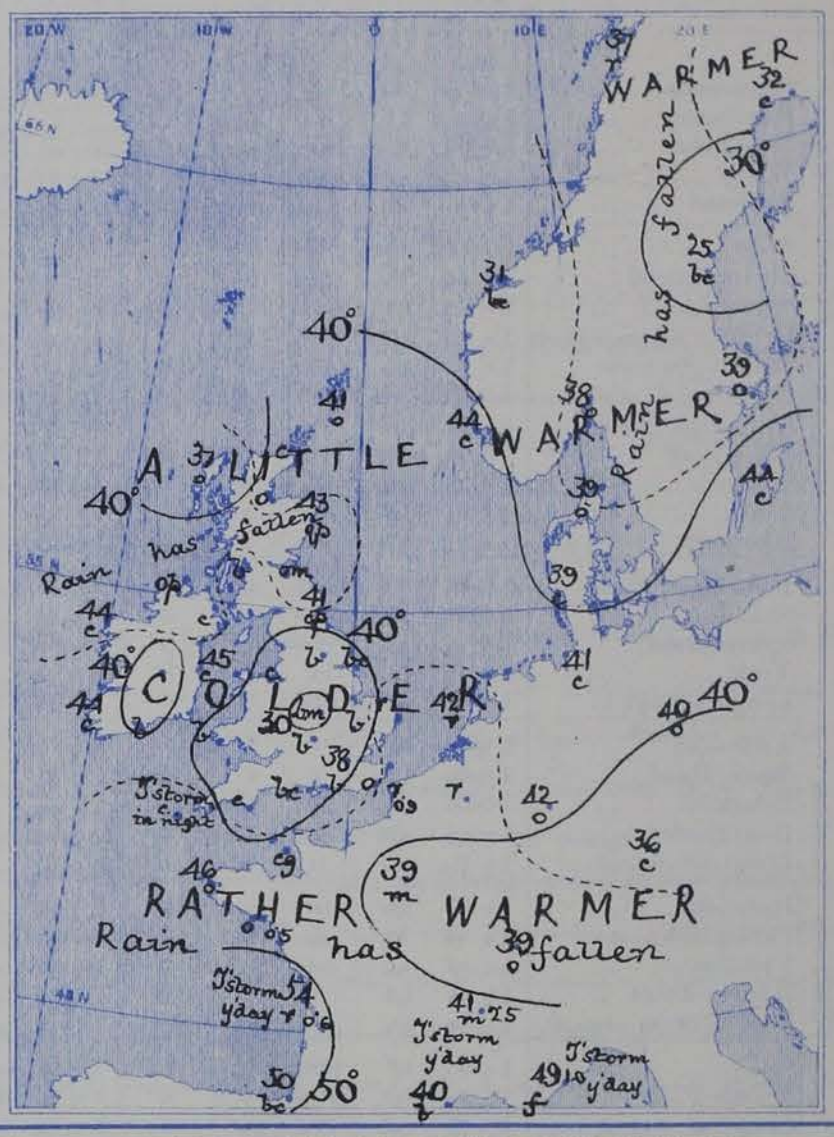
BAROMETER, WIND AND SEA.

BAROMETER—*Isobars are drawn for each tenth of an inch.*
WIND—*Arrows shew Directions and Force, flying with the wind.*
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—*Rough* ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—*Isotherms are drawn for each 10°.*
WEATHER—*Shown by Letters of the Beaufort Scale.*
RAINFALL—*A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus*—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF OCTOBER.

STATIONS.	PRESSURE AT 8 A.M.	TEMPERATURE OF AIR. 1871-95.								RAINFALL.	BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.					Means, 1881—95.	
	Means, 1871—95.	Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.	Means, 1866—95.	Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·712	45·9	44·2	49·7	41·6	60	1882	26	1875	4·31	—	—
Stornoway	29·743	45·4	44·3	50·8	40·3	67	1895	26	1880	5·15	84·1	27
Wick	29·747	46·1	44·5	51·6	40·4	64	1883, 94	22	1885	3·14	—	—
Nairn	29·763	44·5	42·6	51·9	40·0	69	1895	20	1885	2·51	—	—
Aberdeen	29·779	45·4	43·4	52·3	41·1	74	1883	25	1880	3·05	97·5	31
Leith	29·805	46·4	44·5	54·5	41·4	69	1882	25	1894	2·03	—	—
Shields	29·826	46·9	45·1	53·2	42·2	67	1875, 76, 82, 90	27	1890, 92, 95	2·58	—	—
Spurn Head	29·847	48·8	47·3	53·3	45·5	66*	1882, 90, 95	33*	1887, 95	2·33	—	—
York	29·862	45·6	44·2	54·4	41·0	70	1883, 95	24	1880, 95	2·74	87·3	27
Loughborough	29·886	45·6	44·3	55·6	40·9	77*	1886	20*	1890	2·83	—	—
Ardrossan	29·813	47·6	45·7	53·5	43·4	67	1895	26	1880	3·82	—	—
Donaghadee	29·834	47·6	46·3	53·6	43·3	65	1895	21	1892	3·22	—	—
Holyhead	29·854	50·1	48·0	54·6	47·0	71	1886	32	1892	4·44	—	—
Liverpool	29·862	47·6	45·5	53·7	44·5	72	1886	27	1895	3·58	—	—
Parsonstown	29·877	45·5	43·9	54·6	40·4	68	1873	22	1880	3·12	97·1	30
Valencia	29·879	51·0	48·8	56·3	46·3	65	1873, 76, 77, 78, 79, 80, 82, 86	28	1892	5·57	104·2	32
Roche's Point	29·876	49·9	48·1	55·7	45·8	65	1880, 84, 86	32	1881	4·16	—	—
Pembroke	29·875	51·0	49·1	54·7	47·8	66	1872, 86	33	1895	4·11	103·4	32
Scilly	29·892	53·6	51·5	56·6	50·0	69	1895	38	1895	3·77	—	—
Prawle Point	29·910	51·0	49·0	56·5	46·1	68*	1882	29*	1887	3·78	—	—
Jersey	29·913	53·3	50·6	58·3	48·7	73	1876	33	1887	4·70	127·4	39
Hurst Castle	29·906	50·7	49·1	57·1	45·8	72	1874	27	1887	3·60	—	—
Dover	29·898	50·2	48·4	56·3	46·1	70	1886	23	1890	3·43	—	—
LONDON	29·907	47·5	45·9	56·6	42·7	80	1886	24	1890	2·82	70·1†	22†
Oxford	29·907	46·0	44·7	55·4	42·0	76	1886	22	1873	2·75	101·7	31
Cambridge	29·895	46·3	45·3	56·4	40·9	80	1886	23	1895	2·41	104·4	32
Yarmouth	29·874	49·1	47·6	54·3	44·6	68	1876	27	1895	3·11	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 in: and upwards, in an area lying to the westward of our Islands.
Lowest, 29·5 in: and less, in a depression over the west of France; 29·6 in: and less, in another small disturbance off the southeast of England
Gradients slight generally, but moderate over our extreme southwest coasts.
Barometer rising a little in France and also in Denmark and the south of Scandinavia, falling in most other localities – quickly in the north of Scandinavia.

TEMPERATURE

Highest, 54° at Rochefort, 50° at Biarritz, 49° at Nice, 46° at Jersey and Brest, and 45° at Donaghadee, Holyhead, Scilly, and Lorient.
Lowest, (1) 25° at Haparanda, and 32° at Haparanda; (2) 27° at Loughborough, 32° at Oxford and Cambridge, and 33° at Parsonstown; (3) 36° at Munich.
Frost occurred last night over the inland parts of England and Ireland, the lowest readings reported being – (1) in the screen 26° at Loughborough and 30° at Cambridge and Parsonstown; (2) on the grass 19° at Loughborough and 26° at Oxford.

WIND

N. over the whole of our Islands; light to fresh in force generally, but strong at the North Foreland and also at Donaghadee.
Light to moderate from the E. or SE. over the Netherlands, North Germany, Denmark, and the south of Norway; NW. in Sweden; strong to a gale from SW. at Bodö.
SW. in the west of France, with a moderate gale at Rochefort.

WEATHER

Rain over the Netherlands and the extreme southeast of England, and showery on many parts of our northern coasts.
Fine in the central and southeastern parts of our Islands and also in the south of France; cloudy at most of the Scandinavian stations, with rain at Bodö. Denmark, Germany
Showers fell yesterday in several parts of the United Kingdom, and considerable amounts of rain at many of the Continental stations, the largest being 2·5 in: at Lyons. Thunderstorms occurred at Jersey and also over the southern parts of France.

SEA

Moderate to smooth generally, but rather rough at Aberdeen and the North Foreland, as well as at Bodö.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off our southeast coasts will probably disperse, but the general distribution of pressure is still very irregular, and showery weather is likely to continue in many parts of our Islands.

FORECASTS

For the 24 hours ending at NOON on 1st Nov. 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	N. winds, fresh; unsettled, some cold showers.
2 ENGLAND N.E.	NW. to N. winds, freshening; some showers
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	N. winds, strong in places; unsettled, some showers.
6 SCOTLAND WEST 7 ENGLAND N.W.	N. winds, light or moderate; fair generally but local showers.
8 ENGLAND S.W.	NE. winds, strong in places; cloudy some showers.
9 IRELAND NORTH	Same as Nos. 3 to 5
10 IRELAND SOUTH	Same as Nos. 6 and 7.
WARNINGS	The NORTH CONE is still flying in district 5 and part of 8.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.); Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.); Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·68	44	40	ENE	6	o	3
Sumburgh Head	29·87	42	38	N	4	o	5
Stornoway	30·03	41	41	N	3	c	3
Aberdeen	29·85	40	38	NNW	5	o g y r	5
Shields	29·83	45	41	NNW	3	c r h p	4
Ardrossan	29·93	45	44	NNE	2	b c m	1
Malin Head ...	29·97	45	41	N	5	c	3
Belmullet	30·04	48	44	ENE	4	b c	*
Holyhead ...	29·86	46	43	NNE	3	b c	2
Valencia	29·94	46	42	NNE	4	b v	4
Scilly	29·64	49	47	NE	6	c	4
Jersey	29·56	47	46	E	7	o	5
Hurst Castle ...	29·67	50	46	NE	5	c m	3
Dungeness ...	29·67	51	50	ENE	4	c	3
North Foreland	29·72	50	46	E	3	b c	3
London (Wesminster)	29·73	50	44	NE	3	c	*
Yarmouth ...	29·76	48	45	NNE	2	b	4
Rochefort ...	29·53	52	50	SE	5	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fair over the greater part of our Islands, as well as in the Netherlands, northern Germany, and the east and south of France. Cloudy or dull in most other parts of the Continent, with rain in the west of France and also at Stockholm and Helsingfors. Snow reported at Bodö, and fog over the Central and southern parts of Russia. Showers falling later in several parts of the United Kingdom, and heavy rain at many of the Continental stations;—as much as 2·5 in. at Lyons. Thunderstorms occurring at Jersey and also over the southern parts of France.

Temperature changed rather irregularly. Morning readings highest 71° at Malta, 68° at Brindisi, 66° at Sfax; above 60° at most of the Mediterranean and Adriatic stations. Lowest (1) 10° at Haparanda, 22° at Wladstog, and 29° at Archangel; (2) 27° at Kharkov; (3) 32° at Cambridge and 35° in London; (4) 33° at Belfort, and 34° at Wiesbaden. Daily maxima below 45° in the north of Scotland; thermometer reaching 50° at several of the English Channel stations, exceeding 55° in the south of France, and reaching 68° at Perpignan.

Wind moderate from the W. or SW. over the Spanish Peninsula and the extreme south of France, fresh or strong from the SE. in the west of France and from the NE. over the western parts of our Islands. E. or NE. over Scandinavia and Northern Russia, and strong in force in the southern parts of the former country; moderate from the NW. along the east coasts of Great Britain; SW. in Denmark and North Germany. Variable over Austria and South Germany; light from the E. or SE. in the south of Russia, but from the W. in Italy. Subsequently increasing to a strong breeze from the E. in the English Channel, and from the N. in the north of Scotland.

Barometer highest 30·4 in. and upwards in an anticyclone off the northwest of Norway; 30·2 in. and upwards in another system over the south of Russia. Lowest 29·4 in. and less, in a depression over the northern parts of the Bay of Biscay; 29·5 in. and less in another disturbance over Denmark; 29·7 in. and less, in a shallow system over the Baltic. Depression over Bay of Biscay subsequently moving slowly southwards, Danish disturbance moving northwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
DATE.	STATIONS.	BAROM. At 32° and M.S.L.	TEMP. Dry Bulb.	WIND. Direc.	WIND. Force (0 to 12.)	Weather	BAROMETER. At 32° Fahr. and M. S. L.	BAROMETER. Change since Yesterday.	TEMPERATURE. Dry Bulb.	TEMPERATURE. Wet Bulb.	TEMPERATURE. Change since Yesterday.	WIND. Direc.	WIND. Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	TEMP. Max.	TEMP. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
1	Corunna	30·00	66	NE	3	b	30·06	-·35	60	-	+ 1	NE	1	b	1	b	-	66	50	-
-	Azores (P. Delgada)	30·35	68	NE	4	o	30·37	+·06	69	-	+ 3	ENE	4	o	-	o	-	73	66	-
3	Biarritz	30·21	62	NNW	5	o	30·04	-·15	56	-	+ 1	ESE	3	o	1	o	-	63	54	-
4	Biarritz	30·11	63	N	2	bc	30·06	+·02	60	-	+ 4	S	3	c	2	bc	-	70	56	-
5	Corunna	29·99	64	W	1	f	30·13	+·11	56	-	- 4	S	1	o	5	f	-	68	52	0·04
6	Corunna	30·10	61	W	1	o	30·11	-·02	50	-	- 6	SW	1	b	6	o	-	63	45	-
-	Azores (P. Delgada)	30·23	70	WSW	4	c	29·92	-·34	70	-	+ 2	SW	4	o	4	c	-	73	68	-
7	Haparanda	29·36	46	SE	2	o	29·32	-·09	44	42	- 6	SW	4	b	-	o	-	52	44	0·12
-	Hernösand	29·48	42	S	4	b	29·48	+·07	41	41	- 2	S	4	o	-	b	-	52	41	-
-	Stockholm	29·71	45	SW	2	b	29·50	-·06	51	50	+ 3	SW	8	o	-	b	-	54	41	0·20
-	Visby	29·87	49	SSW	8	b	29·67	-·03	53	50	+ 4	S	8	o	-	b	-	53	45	0·08
-	Karlstad	29·63	44	SSW	6	b	29·16	-·33	51	50	+ 6	S	9	r	-	b, r	-	-	-	0·59
-	Lyons	30·12	57	S	1	b	30·14	-·09	55	52	+ 11	SW	1	b	-	b	-	64	44	-
-	Corunna	30·07	65	SW	1	b	29·97	-·14	59	54	+ 9	S	4	bc	5	b	-	66	50	-
-	Lisbon	30·15	59	NNW	4	b	30·12	-·03	57	51	- 2	NNE	2	b	-	b	-	68	54	-
-	Azores (P. Delgada)	30·08	70	SW	4	c	29·95	+·05	72	69	+ 2	WSW	4	c	5	c	-	73	66	0·04
8	Haparanda	29·16	42	SE	2	r	29·40	+·08	52	54	+ 10	NE	2	o	-	r	-	54	39	0·43
-	Stockholm	29·54	50	SW	8	c	29·98	+·48	46	44	- 5	SW	4	o	-	c	-	54	41	0·08
-	Visby	29·82	51	WSW	9	b	30·07	+·40	51	48	- 2	SW	4	o	-	b	-	54	45	-
-	Karlstad	29·65	48	SW	6	b	29·93	+·77	46	45	- 5	W	0	f	-	b	-	-	-	-
-	Pembroke	29·25	49	SW	8	r	29·05	-·65	50	48	- 2	W	9	o	8	r	0·0	52	49	0·50
-	Corunna	29·89	68	S	4	b	29·88	-·09	56	55	- 3	SW	3	r	6	b	-	72	45	0·24
9	Corunna	29·91	65	W	2	b	29·91	+·03	59	54	+ 3	SW	1	o	6	f	-	64	52	-
12	Biarritz	30·01	56	NNW	6	r	29·89	-·04	50	-	- 5	WSW	7	r	7	r	-	63	45	0·41
-	Corunna	30·11	57	NW	3	b	30·13	+·09	53	48	+ 3	NW	6	r	6	b	-	57	50	0·16
13	Corunna	30·19	55	NW	6	b	30·29	+·16	48	45	- 5	E	1	b	9	b	-	55	48	0·12
14	Corunna	30·32	54	W	1	b	30·29	·00	47	44	- 1	NNE	1	m	3	b	-	55	47	0·04
15	Corunna	30·24	55	S	1	b	30·18	-·11	45	43	- 2	N	1	b	2	b	-	55	43	0·04
16	Haparanda	30·37	41	SW	4	b	29·99	-·62	42	39	+ 1	SW	2	bc	-	b	-	43	36	-
-	Hernösand	30·52	44	W	0	o	30·18	-·66	42	41	+ 3	S	2	c	-	o	-	45	34	0·08
-	Stockholm	30·50	48	ESE	2	o	30·28	-·53	50	49	+ 4	S	2	f	-	o	-	50	43	-
-	Visby	30·47	49	SE	4	b	30·29	-·40	48	47	+ 2	S	4	b	-	b	-	50	41	-
-	Karlstad	30·43	47	E	2	f	30·25	-·44	46	46	+ 1	W	0	o	-	f	-	-	-	0·04
-	Boda	30·22	50	SW	6	o	29·88	-·56	45	43	- 4	WSW	8	r	4	o	-	50	43	0·43
-	Christiansund	30·39	46	ESE	1	o	30·24	-·36	49	45	+ 8	W	7	o	4	c	-	49	41	-
19	Corunna	29·80	57	NW	3	o	29·60	-·37	53	48	- 3	NW	3	bc	6	o	-	59	50	0·12
20	Corunna	29·58	56	NW	4	bc	29·82	+·22	53	51	0	NW	3	o	0	bc	-	57	45	0·12
21	Corunna	29·90	53	W	4	o	29·70	-·12	56	53	+ 3	W	6	r	6	o	-	63	48	0·12
23	Corunna	29·91	54	NW	3	bc	30·21	-	50	45	-	NE	1	b	6	bc	-	55	45	0·08
24	Corunna	30·23	56	S	1	bc	30·23	+·02	57	49	+ 1	SW	1	o	3	bc	-	56	48	-
26	Corunna	29·97	54	NW	1	o	30·00	-·04	48	45	- 4	SW	1	bc	6	o	-	59	45	0·28
27	Cape Gris Nez	29·72	49	W	4	o	29·71	+·22	46	-	0	SW	6	c	7	o	-	60	45	0·35
-	Corunna	29·98	54	W	1	b	30·00	·00	48	46	0	NW	1	bc	5	b	-	55	45	0·43
-	Lisbon	29·99	51	NNE	4	b	29·95	-·06	?46	44	- 2	NE	4	o	-	b	-	63	46	-
-	Azores (P. Delgada)	29·92	62	ENE	3	o	29·89	-·07	59	57	- 4	NE	4	b	2	o	-	68	57	-
29	Corunna	29·98	54	S	1	b	29·80	-	50	48	-	NE	4	o	3	b	-	57	48	-
30	Stornoway	-	-	-	-	-	30·06	+·20	37	37	- 1	N	3	o	3	o	4·6	44	33	0·25
31	Corunna	29·56	52	NNW	7	r	29·79	-	49	47	-	S	1	r	6	r	-	55	46	0·63

REPORTS FOR October 1896.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
2	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	no rain
3	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-
"	Yarmouth	-	-	-	-	-	29.91	-·27	-	-	-	-	-	-	-	-	-	-	-	-
4	Scilly	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
5	Sumburgh Hd.	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-
"	Jersey	-	-	-	-	-	-	-	-	49	-	-	-	-	-	-	-	-	-	-
6	Jersey	-	-	-	-	-	29.86	+·11	-	54	-	-	-	-	-	-	-	-	-	-
7	York	-	-	-	-	-	29.68	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Malin Head	-	-	-	-	-	28.47	-1.02	-	-	-	SW	6	-	-	-	-	-	-	-
12	Oxford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-
13	Wick	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-
"	Loughborough	-	-	-	-	-	30.23	+·36	-	-	-	-	-	-	-	-	-	-	-	-
"	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	0·10
14	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-
15	Hurst Castle	-	-	-	-	-	30.10	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-
"	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-
19	Malin Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-
"	Prawle Point	-	-	-	-	-	29.19	-·38	-	-	-	-	-	-	-	-	-	-	-	-
20	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-
22	North Foreland	-	-	-	-	-	29.63	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Prawle Point	-	-	-	-	-	-	-	-	-	-	WSW	-	-	-	-	-	-	-	-
27	Shields	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-
28	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-	-
29	London	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	-
30	Valencia	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	-	-
31	North Foreland	-	-	-	-	-	-	-	46	-	-1	-	-	-	-	-	-	-	-	-